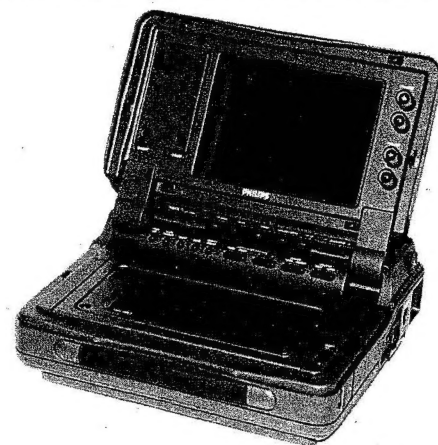


Service Service Service



For the adjustment procedures of the tape deck mechanism reference is made to the Service Manual 4822 726 14818.

Service Manual



PVR570 is a video cassette recorder with a 5.7 inch LCD TV and electronic timer, suitable for recording and playing back TV-signals which meet the CCIRPAL-BG/I, SECAM-BG/L/L' standard.

The signals are recorded on tape according to the VHS-standard.

The recorder is operated in the Standard Play (SP) mode.

The video cassette recorder has been provided with "on screen display" (OSD).

CONTENTS

Specifications, Replacements, Adjustments.
Block diagrams, Circuit diagrams, Drawings of P.C.B.'s.
Exploded views, Parts list.

CHAPTER

1
2
3

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified be used.

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1. SPECIFICATIONS MAIN UNIT

GENERAL

Supply voltage : 12Volt DC
Power consumption : 14.5W

AC adapter/Battery charger : SBC3645

Mains voltage : 110 - 240V Auto select
Main frequency : 50/60 Hz
Output voltage : 12V DC
Output current : 1.2 A

Charging time of a battery SBC3641 : approx. 110min.

Battery : SBC3641

Output voltage : 12V
Loading capacity : 2.5Ah

VCR Section

Recording system : VHS, PAL and MESECAM, SECAM-OST
Tape speed : 23.39 mm/sec.
Recording time : Maximum 4 hours with E-240
Fast-forward/Rewind time : 10 minutes (approx.) with E-180

Dimensions : 262(W) x 113.5(H) x 234.8(D) mm

Weight : Approx. 2.95 Kg

Operating Temperature Range : 5°C - 40°C

Relative Humidity : 10% - 75%

TV Section

LCD Panel : 5.7-inch square TFT active matrix LCD

Number of pixels : 240 x 720 (172,800)

Channels

| | VHF I | VHF III | UHF | CATV |
|------------|----------------------------|------------------------------|----------------------|---------|
| PAL BG | 2 - 4 (E2 - E4) (A - C) | 5 - 12 (E5 - E12) (D - H) | 21 - 69 (21 - 69) | 74 - 99 |
| PAL I | 2 - 4 (IA - IC) | 5 - 11 (ID - IK) | 21 - 69 (21 - 69) | |
| SECAML LL' | 2 - 4 (L2 - L4) | 5 - 11 (L5 - L10) | 21 - 69 (21 - 69) | |

Tuning system : Automatic PLL tuning

Speaker : 50 mm round speaker

Video input : 1.0 Vp-p, 75 ohm CINCH

Video output : 1.0 Vp-p, 75 ohm CINCH

Audio input : 200 mV, 47 Kohm CINCH

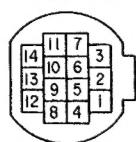
Audio output : 500 mV, 1 Kohm CINCH

External Antenna socket : 3.5 mm ϕ jack

Headphones socket : 2 x 8 ohm minimum Mini jack

Accessory connector

OUT SIDE VIEW



- | | | |
|-------------|---------------|------------------------------------|
| 1) EXT. 12V | 2) BATT 12V | 3) GND |
| 4) N.C. | 5) AUDIO IN | 6) CHARGE $\text{\textcircled{L}}$ |
| 7) N.C. | 8) Y-IN | 9) GND |
| 10) C-IN | 11) VIDEO OUT | 12) AUDIO OUT |
| 13) GND | 14) GND | |

Accessories supplied

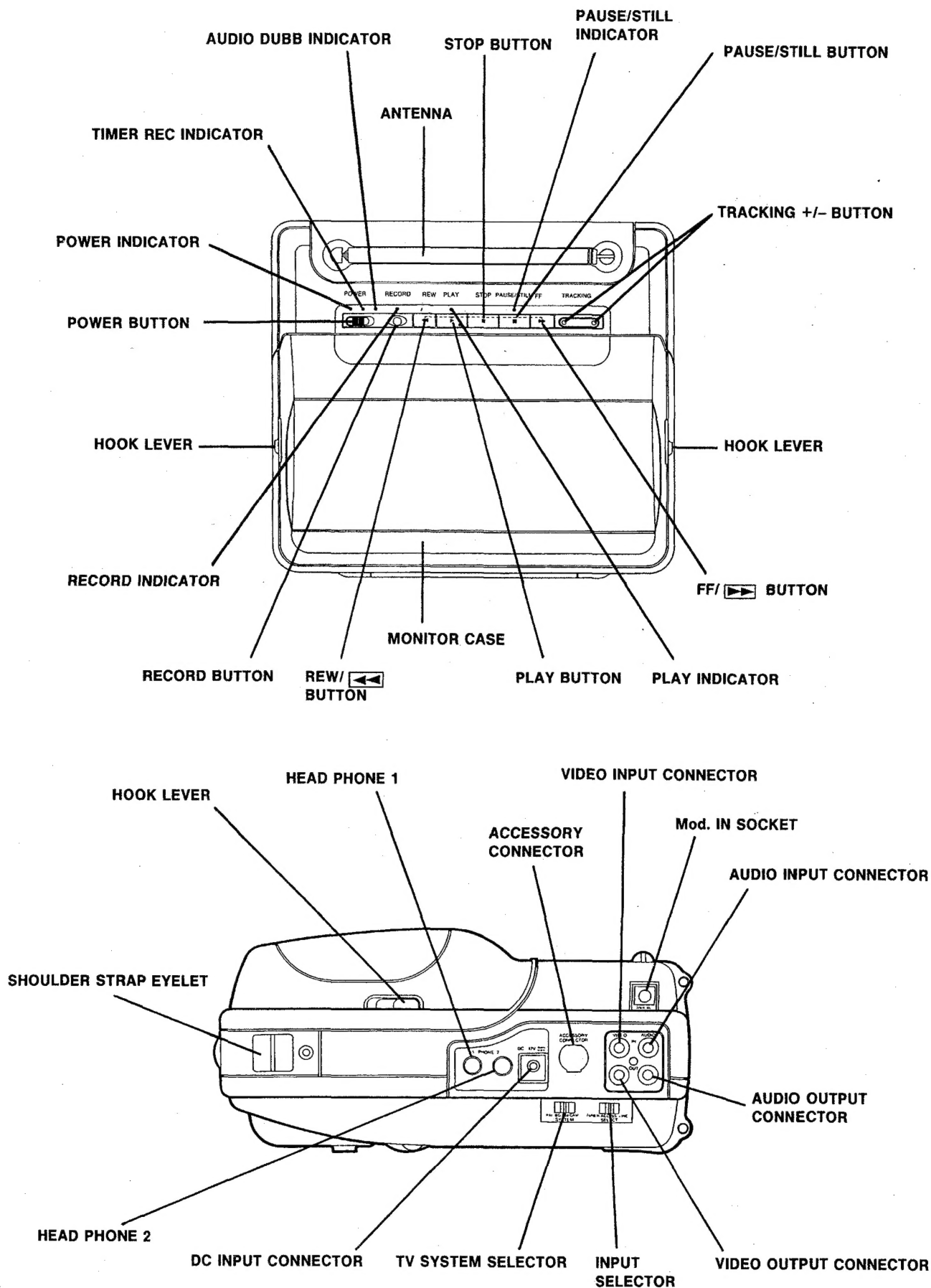
AC adapter/Battery charger : SBC3645
Battery pack : SBC3641
Shoulder strap : 22AV 5263/00
Antenna adapter cable : 22AV 5262/00
Lithium battery : SBC3646
Soft case : SBC3647
Remote control unit : SBC3647

Optional (recommended) accessories

Car adapter cable : SBC3648
Carrying case : SBC3644
Head phone : SBC3171 /SBC3174
Earphone : SBC3134

As part of our policy of continuous improvement, we reserve the right to alter design and specifications without notice

2. DESCRIPTION OF CONTROLS



WARNINGS**1. ESD**

Many ICs, SMD's and many other semi-conductors are susceptible to electrostatic discharges(ESD). Careless handling during repair can reduce life drastically. When repairing, make sure that you are connected with the same potential as the mass of the set via a wrist wrap with resistance. Keep components and tools on the same potential.

2. Never replace any parts while the set is switched on.
3. Use plastic instead of metal alignment tools. This is in order to prevent a short circuit or a specific circuit being rendered unstable.
4. Proceed with care when measuring the fluorescent lamp drive circuit.
5. Critical components having special safety characteristics are enclosed within a broken line (where several critical components grouped in one area) along with the safety symbol on the schematics or exploded views.

3. SERVICE MODE**3. 1 HOW TO OPERATE SERVICE MODE**

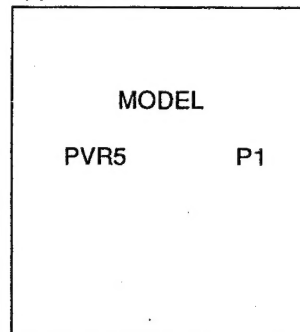
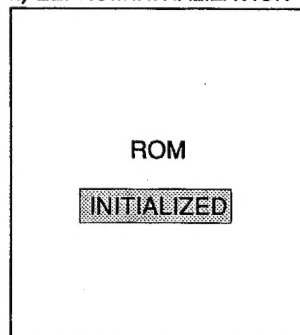
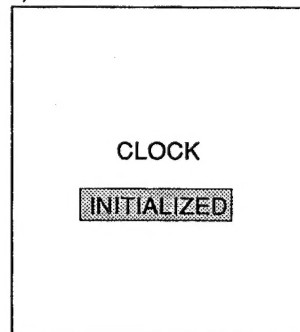
While the set is power off, press of STOP and REW button simultaneously and power switch on will make the service mode.

3. 2 SPECIAL FUNCTION WHILE SERVICE MODE

- a) **FUNCTION OF CHECKING MICROPROCESSOR VERSION**
Indicate OSD automatically during the first of service mode.
- b) **FUNCTION OF EEPROM INITIALIZATION**
Press CH MEMO button, then press CLEAR button will make EEPROM initialization.
→ Full channel is stored. (BG = 02 ~ 69, 74 ~ 99
I = 02 ~ 11, 21 ~ 69 LL' = 02 ~ 10, 21 ~ 69)
- c) **FUNCTION OF CLOCK INITIALIZATION**
Pres SET CLOCK button, then press CLEAR button will make CLOCK initialization.
- d) **FUNCTION OF AUTO REWIND AND PLAY**
When the start of tape is reached, the back plays automatically.

3. 3 OSD INDICATION OF SPECIAL FUNCTION DURING SERVICE MODE

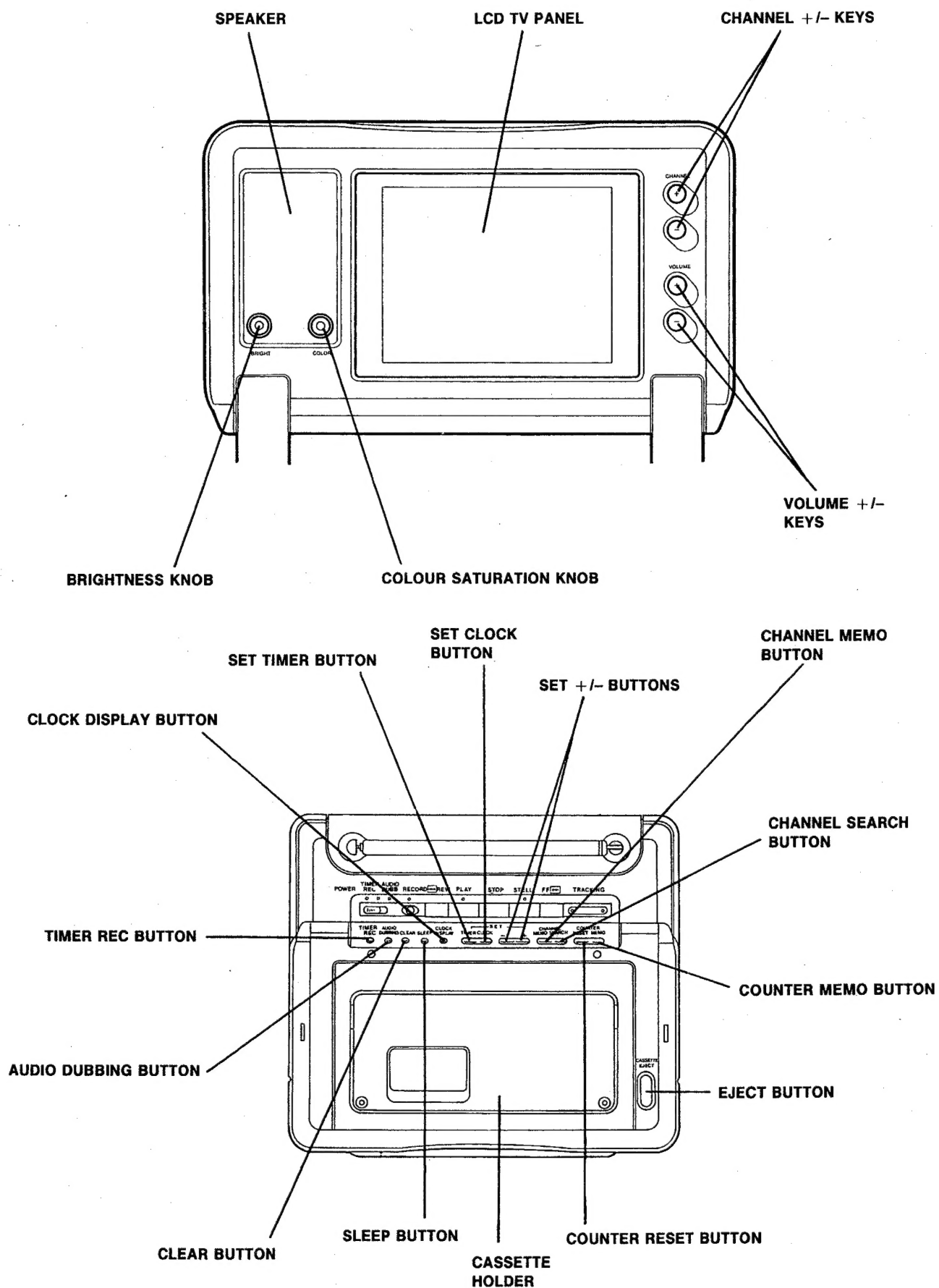
OSD indications are following.

1) μ P VERSION**2) EEPROM INITIALIZATION****3) CLOCK INITIALIZATION****3. 4 HOW TO ESCAPE SERVICE MODE**

Service mode is kept while power on. It is necessary for escaping service mode to make power off.

3. 5 DIFFERENCE OF MOVEMENT BETWEEN SERVICE MODE AND NORMAL MODE.

| OPERATION | SERVICE MODE | NORMAL MODE |
|------------|--|-------------------------------|
| VOLUME +/- | 5 SEPS(0, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1) | 64 STEPS (0 ~ 63) |
| REW | AUTO PLAY when tape reaches start. | STOP when tape reaches start. |
| CH +/- | Center frequency only | Micro and fine step tuning |
| SEARCH | Cannot use | Auto search tuning and memory |



5. DISASSEMBLY OF CABINET PARTS AND REPLACEMENT

5.1 Rear cover removal (Antenna cover)

1. Remove two screws.

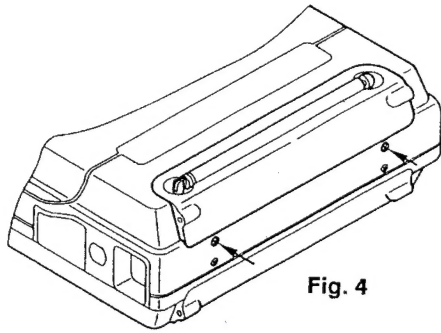
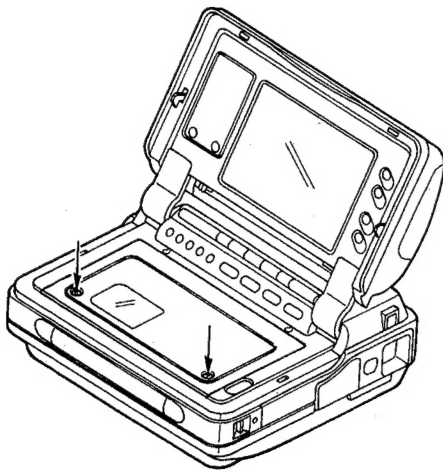


Fig. 4

5.2 Cassette cover removal

1. Remove two screws.



5.3 Top case removal

1. Remove two screws from the top side, two screws from the rear side and two screws from the left and right side.

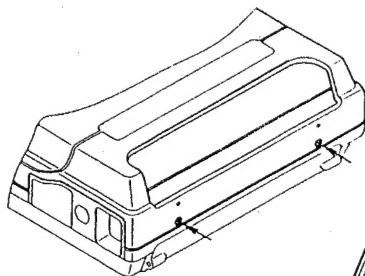


Fig. 6

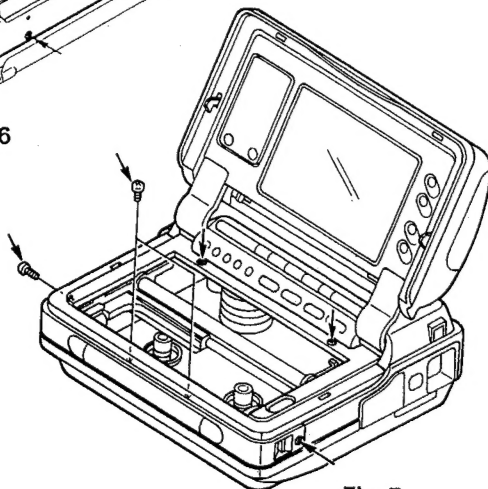


Fig. 7

5.4 Bottom plate removal

1. Remove four screws.

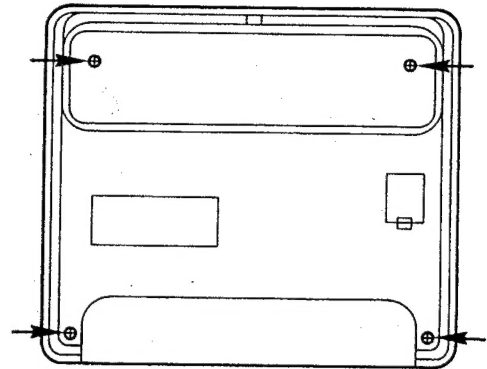


Fig. 8

5.5 P.C. boards removal

1. Release three hooks and remove one screw to remove the P.C. Board (A).
2. Remove two screws to remove the P.C. Board (B).
3. Release three hooks to remove the P.C. Board (C).
4. Remove one screw to remove the P.C. Board (D).

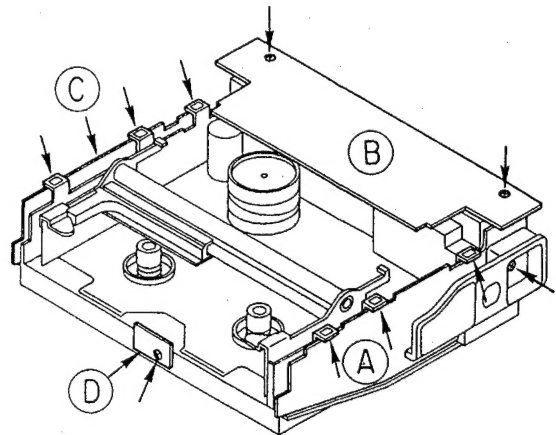


Fig. 9

5.6 Chassis removal

1. Remove three screws.

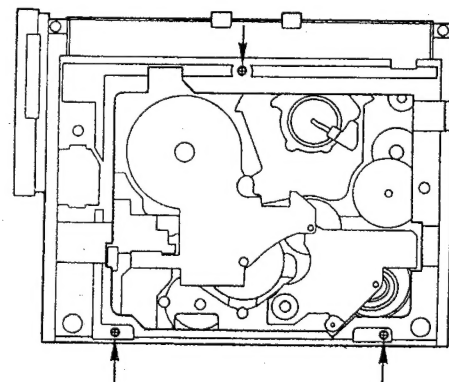


Fig. 10

4. SERVICING OF SMALL CHIP PARTS

4.1 General cautions on handling and storage

- Oxidization on the chip's terminals results in poor soldering. Do not handle them with bare hands.
- For storage, avoid the following places where oxidization will occur, and their capacitance and resistance will deteriorate.
 - In areas with sulfur or chlorine gas.
 - Directly sunlit places
 - High temperature/high humidity places
- Rough handling of circuit boards containing Surface Mounted Devices (SMD's) can cause damage to the components as well as the circuit boards. Circuit boards containing SMD's should never be bent or flexed. Different circuit board materials expand and contract at different rates when heated or cooled and the components and/or solder connections can be damaged by the stress. Never rub or scrape chip components as this may cause the value of the component to change. Similarly, do not slide the circuit board across any surface.

4.2 Removal of a chip

- Heat the solder (for 2–3 seconds) at each terminal of the chip. You can remove small components with the soldering iron using a little force in horizontal direction while removing solder with braid. See Fig. 1A.
- Holding the chip with a pair of tweezers take it off gently using the soldering iron's heat applied on each terminal. See Fig. 1B.
- The printed board has to be free from excess solder, so that it is ready for the mounting of new components. See Fig. 1C.

Caution on removal:

- When handling the soldering iron, use suitable pressure and be careful.
- When removing the chip, do not use undue force with the pair of tweezers.
- The soldering iron in use should be 30W; it is best if provided with a thermal control (soldering temperature about 225 to 250°C).
- The chip, once removed, should **never** be used again.

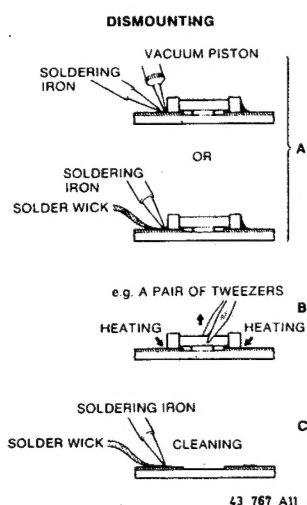


Fig. 1

4.3 Attachment of a chip

- Temporarily solder one terminal of the chip on the copper foil surface. See Fig. 2A.
- Holding one end of the chip with a pair of tweezers, completely solder both terminals, one after the other. See Fig. 2B.

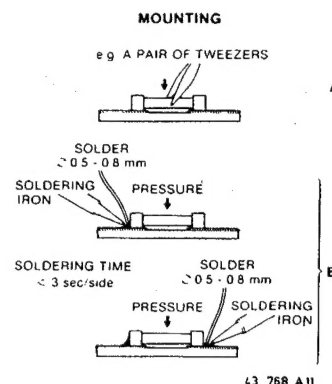


Fig. 2

Caution on attachment:

- When soldering the chip terminals, do not touch them directly with the soldering iron. The soldering must be as quick as possible, being careful not to hurt the terminals and the body itself.
- Keep the chip's body in contact with the printed board when soldering.
- The soldering iron in use should be 30W; it is best if provided with a thermal control (soldering temperature about 225 to 250°C).
- Soldering should not be done outside the specified area.
- Soldering flux (of rosin) may be used but should not be acid.
- After soldering, let the chip cool down gradually at room temperature.
- The soldering amount should be proper: with an excessive amount the chip may be cracked and subject to other troubles (curvature of printed board, cramp of terminals, etc) See Fig. 3.

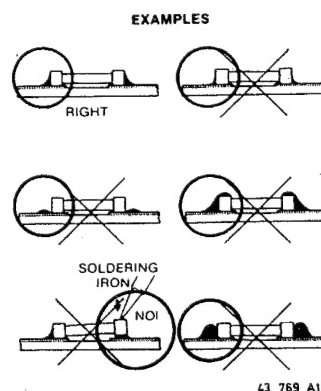


Fig. 3

MECHANICAL ADJUSTMENT IS REFERED TO VKR6855 (4822 726 14818).

5.12 Replacement of DD cylinder unit

Work with extreme care when removing or replacing the DD cylinder unit.

Do not touch video heads during servicing

- (1) Remove the screw (E) to take the Earth Holder Unit out.

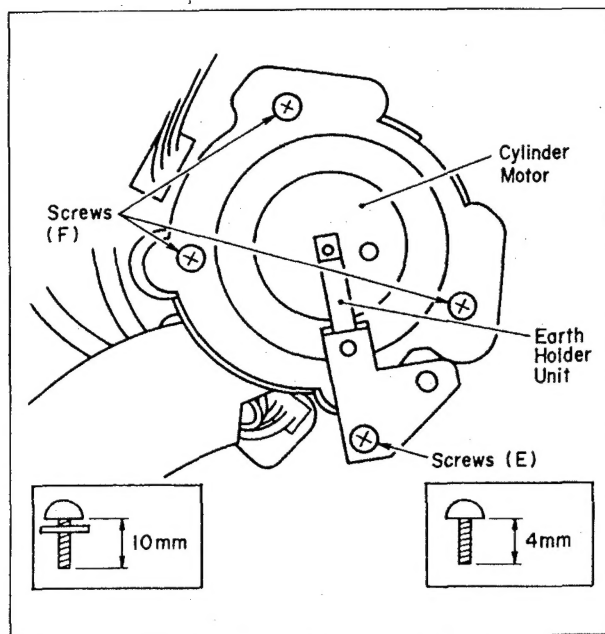


Fig. 17

- (2) Remove the 3 screws (F) to take DD cylinder unit out.

NOTE:

Since there is very little clearance between DD cylinder unit and chassis, handle with care.

- (3) Reinstall the new DD cylinder unit, tighten the 3 screws (F).

5.13 Replacement of upper cylinder unit

Be sure to observe the following procedures when replacing Upper Cylinder Unit.

- (1) REMOVING THE UPPER CYLINDER UNIT

- a. Remove the 2 screws as shown in Fig. 18.
- b. Unsold the 10 soldered portions indicated by arrows on Circuit Board.
- c. Remove the Upper Cylinder Unit by lifting it upwards.

NOTE:

Soldered portion can be easily removed by using solder sucking wire, etc.

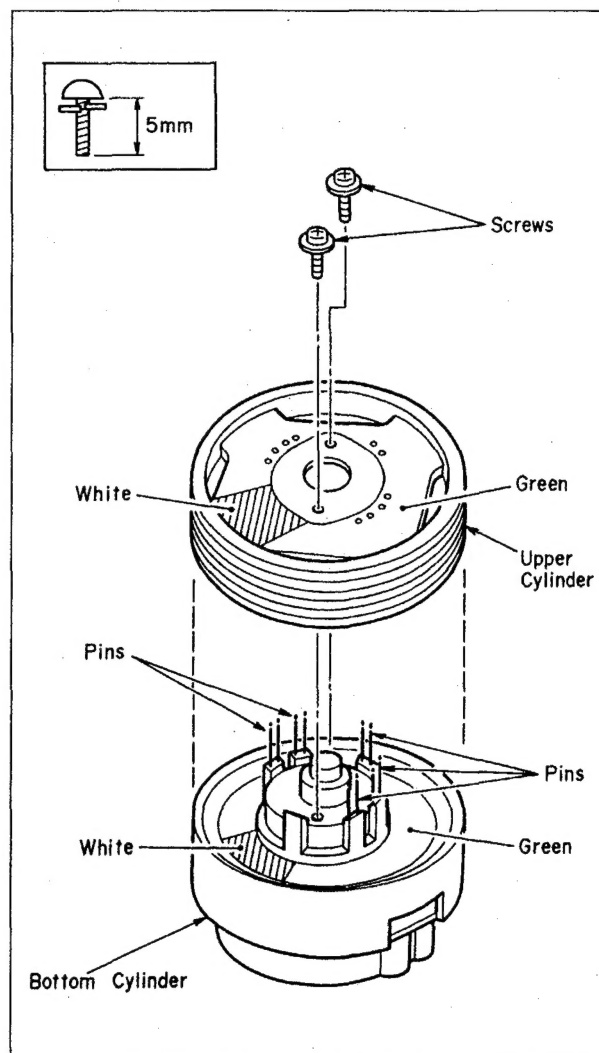


Fig. 18

5.7 LCD monitor unit and operational section removal

1. Remove two blind boards and the screws will be revealed.
2. Remove four screws.

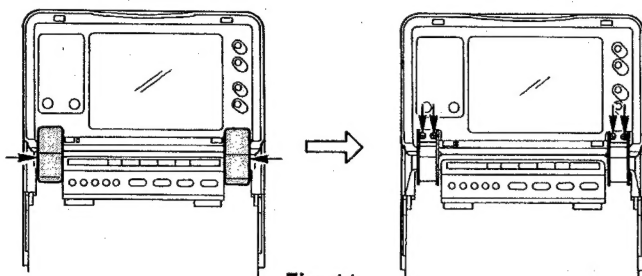


Fig. 11

5.8 Operation P.C. board removal

1. Remove five screws.

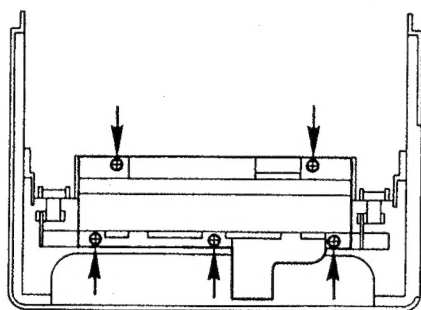


Fig. 12

5.9 LCD monitor case removal

1. Remove four blind lids and screws will be revealed.

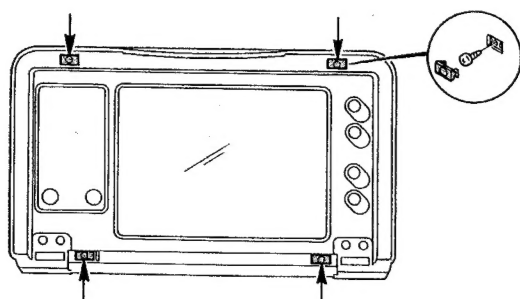


Fig. 13

5.10 LCD monitor unit removal

1. Release four hooks to remove the LCD monitor unit.

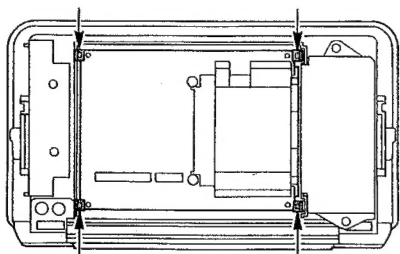


Fig. 14

5.11 LCD monitor P. C. board removal

1. Remove two screws from the P. C. Board (E).
2. Remove two screws from the case (F).
3. Remove two screws from the P. C. Board (G).

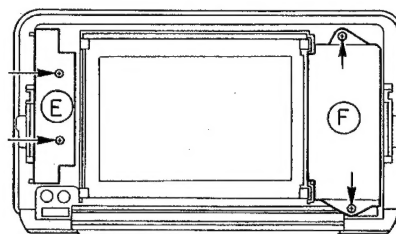


Fig. 15

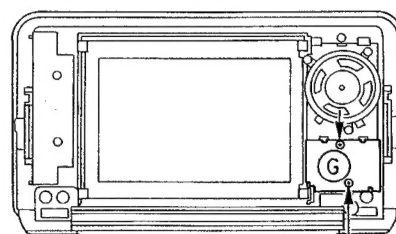


Fig. 16

6.2 Back tension adjustment

* Equipment Required:

Back Tension Meter

VHS Cassette Tape

* Specification 19 ~ 23g

- (1) Playback the cassette tape from the beginning and wait until the tape movement get the stabilization. (for approx. 10 ~ 20 seconds)
- (2) Insert the Back Tension Meter into the path of a tape, and measure the back tension to be within specification as shown in Fig. 22.

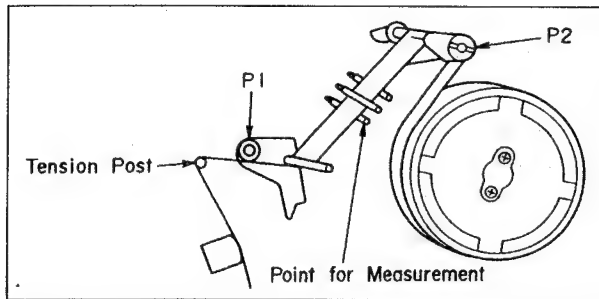


Fig. 22 Measurement of Back Tension

NOTE:

1. While measuring, make sure that the three probes of the meter are all in good contact with the tape.
2. As the tension meter is very sensitive, we recommend taking 3 separate readings.
3. If it is out of specification, change the spring notch as shown in Fig. 23.

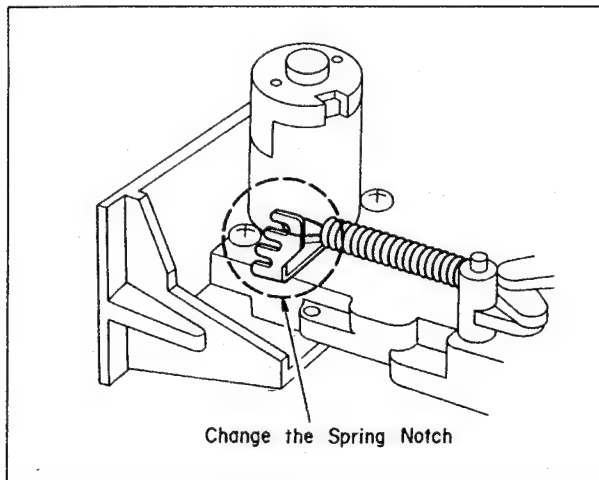


Fig. 23

6.3 Confirmation of A/C head height

NOTE:

Unless the A/C Head is replaced, this procedure should not be performed.

- (1) Looking at the lower edge of the control head within the tape running, ensure that lower edge of the tape runs along 0.25mm far from lower edge of the control head (little bit up position from lower edge of control head). If it doesn't, slightly turn the nut (A) in either direction to correct clockwise to lower the head and counterclockwise to raise it.

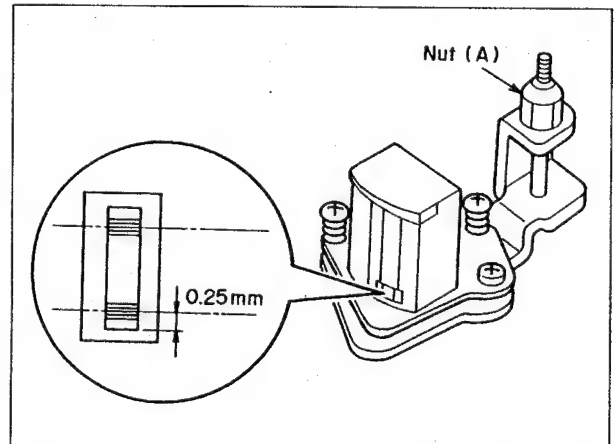


Fig. 24

(2) REINSTALLING THE UPPER CYLINDER UNIT

The Upper Cylinder Unit can be reinstalled by reversing the removal procedure. However, when reinstalling, it must be extremely careful so that both the white and green portions of the Circuit Board on the Upper Cylinder Unit will correctly match the white and green portions of the Circuit Board on Bottom Cylinder as shown in Fig. 19.

NOTE:

If the Upper Cylinder Unit is reversely installed, no colour will appear when playing back a pre-recorded tape.

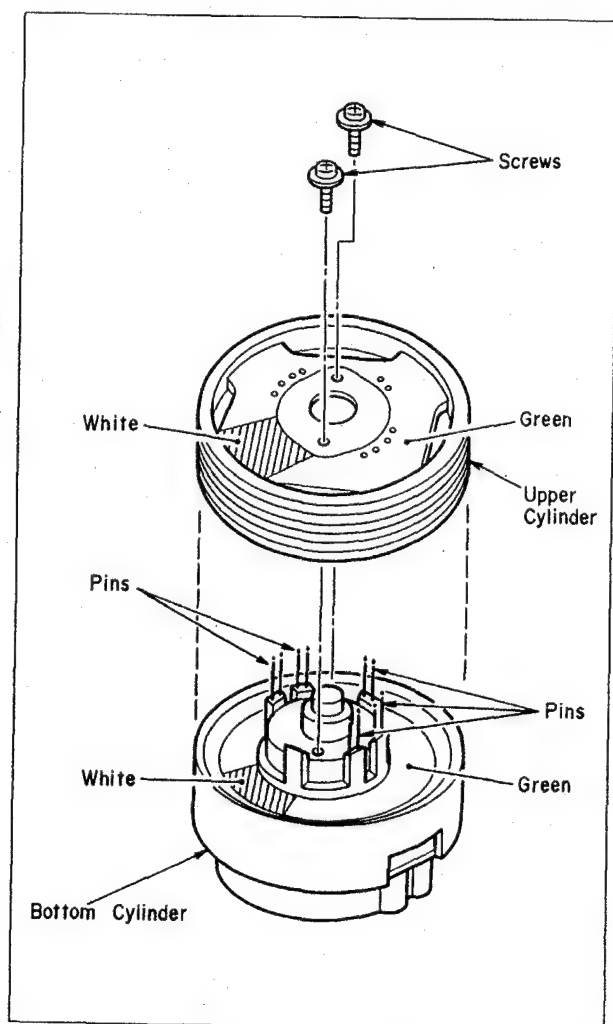


Fig. 19

6. MECHANICAL ADJUSTMENT PROCEDURES

6.1 Confirmation of Brake Torque

* Equipment Required:

Dial Torque Gauge

Adaptor for Gauge

* Specificationsee spec, table (Fig. 21)

- (1) Remove the cassette compartment by unscrew 4 screws.
- (2) Attach the adaptor to the torque gauge and place the unit in STOP mode.
- (3) Place the torque on the reel table.

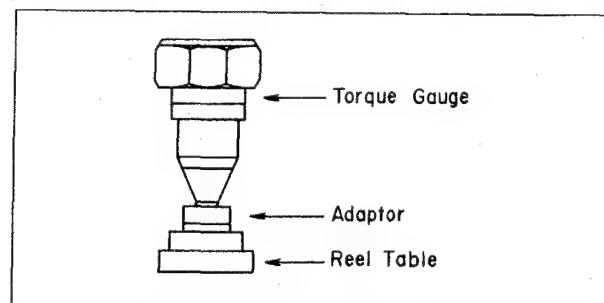
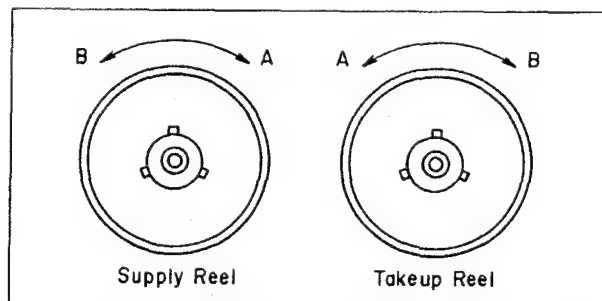


Fig. 20

- (4) Turn torque gauge in either direction indicated in the Fig. 21, and read the gauge when the brake begins slipping.

NOTE:

If proper brake torque can not be obtained, check the both take-up and supply clutch gear.



| | A | B |
|--------|-----------------------|-----------------------|
| Takeup | $28 \pm 8\text{g-cm}$ | $28 \pm 8\text{g-cm}$ |
| Supply | $28 \pm 8\text{g-cm}$ | $28 \pm 8\text{g-cm}$ |

Fig. 21

7.5 Video section (Luminance section)

7.5.1 E-E level

- Feed a PAL colour bar with white window signal to the VCR.
- Connect the A channel of the oscilloscope to TP454 in the Audio/video section of the PV01.
- Set the sensitivity of the oscilloscope to 0.2V/Div. and the time base to 10 μ sec./Div.
- Adjust the signal on TP454 to 1.0 ± 0.05 Vp-p (when terminated with 75 ohm) or to 2.0 ± 0.1 Vp-p (when unterminated) with R337 in the luminance section of the PV01. (Fig. 26)

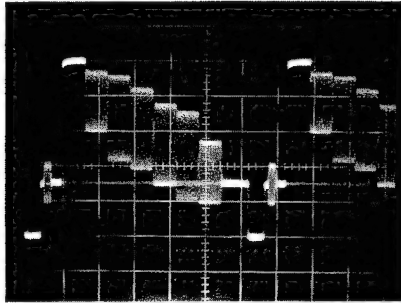


Fig. 26

7.5.2 Sync. tip frequency and deviation

7.5.2a Sync. tip frequency

- Put the VCR in the STOP mode.
- No input signal to the VCR.
- Connect a frequency counter to TP308 in luminance section of PV01.
- Adjust the frequency of the signal on TP308 to 3.8 ± 0.04 MHz with R310 in the luminance section of PV01.

7.5.2b Play-back level

- Load the alignment tape into the VCR.
- Connect the A channel of the oscilloscope to TP454 in the Audio/video section of PV01.
- Set the sensitivity of the scope to 0.2V/Div., the time base to 10 μ sec./Div.
- Put the VCR in play-back mode.
- Adjust the amplitude of the signal on TP454 to 1.0 ± 0.05 Vp-p. (when terminated with 75 ohm or 2.0 ± 0.1 Vp-p. when unterminated) with R321 in the luminance section of PV01. (Fig. 27)

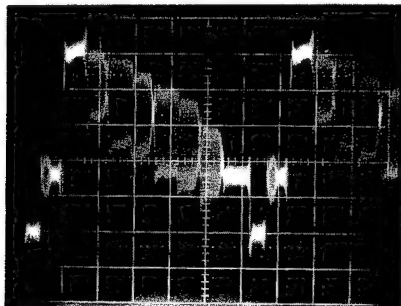


Fig. 27

7.5.2c Deviation

- Put the VCR in the STOP mode.
- Feed a colour bar with white window signal to the VCR.
- Connect the A channel of the oscilloscope to TP308 in the luminance section of PV01.
- Set the sensitivity of the scope to 0.2V/Div., the time base to 0.5 μ sec./Div., the timebase magnifier to 10 x.
- Adjust A = 0.21 ± 0.01 μ sec. of Fig.28 with R312 in the luminance section of PV01.
- Adjust from the beginning of the sweep and measure the first line seen, which is the white window trace on the multiple wave form.
- Focus the scope on the first multiple waveform trace (Fig. 28).
- After completion of the adjustment self record a colour bar with white window.
- Play-back the portion just recorded and confirm the level at TP454 is 1.0 ± 0.05 Vp-p. (terminated) or 2.0 ± 0.1 Vp-p. (unterminated).
- If the levels are not correct then confirm 5.4.2b (Play back video level) and readjust the deviation again.

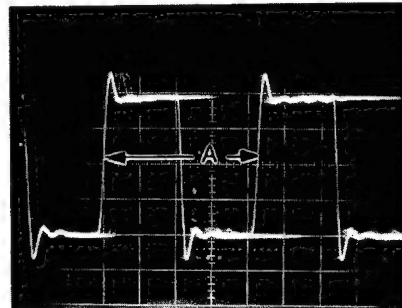


Fig. 28

7.6 Timer tuning section

7.6.1 Clockfrequency

- Put the VCR in the stop mode.
- Set clock.
- Connect a frequency counter via a 1:10 probe to TP6K6 in Timer/Tuning section of PL01.
- Adjust the frequency of the signal on TP6K6 to $32.768 \text{ KHz} \pm 0.1 \text{ Hz}$ with C6L0 in the Tuner timer section of PL01.

7. ELECTRICAL ADJUSTMENT PROCEDURES

7.1 Test equipment

- DVM (Digital voltmeter)
Measuring range: 0.01 - 50V
- Dual trace oscilloscope
Sensitivity: 0.001 - 50V/Div.
- Frequency counter
Frequency range: 0 - 50 MHz
- Signal generator
Sine wave: 0 - 10 MHz
- PAL Video pattern generator
- Colour TV Receiver or Monitor
- Plastic Tip driver and non metallic screwdriver
- VHS Alignment tape (4822 397 30103)
- Extended cable (4822 321 60981)

7.2 Power supply section

7.2.1 Reg. 9V

- Supply the DC voltage $12.6V \pm 0.05V$ to the J102 connector Pin (1) Hot and Pin (2) GND.
- Connect the DVM to TP106 on the power supply section of PD01.
- Put the VCR in the REC mode.
- Adjust the voltage between TP106 and GND to $8.6^{+0.1}_{-0.05}V$ with R141 in the VIDEO power supply section of PD01.

7.2.2 Reg. 5V

- Supply the DC voltage $12.6V \pm 0.05V$ to the J102 connector Pin (1) Hot and Pin (2) GND.
- Connect the DVM to TP107 on the VIDEO power supply section of PD01.
- Put the VCR in the REC mode.
- Adjust the voltage between TP107 and GND to $5.00 \pm 0.02V$ with R131 in the power supply section of PD01.

7.3 Servo section

NOTE:

When making adjustments in the servo section of the VCR, always take care that the tape deck has been correctly aligned and that the tracking control is in its centre position.

7.3.1 Head switch point

- Connect the A channel of the oscilloscope to J454 in the Audio/Video selector section of PV01, sensitivity 1 V/Div.
- Connect the B channel of the oscilloscope to TP206 on the servo section of PD01, sensitivity 2V/Div.
- Set the time base of the oscilloscope to $50\mu\text{sec./Div.}$ (using delay mode)
- Trigger the time base with the signal on TP206 (+ slope).
- Play-back the colour part of the alignment tape.
- Adjust R246 in the servo section PD01 such that 6.5 ± 1 lines prior to the frame sync. pulse are visible. (Fig. 25)

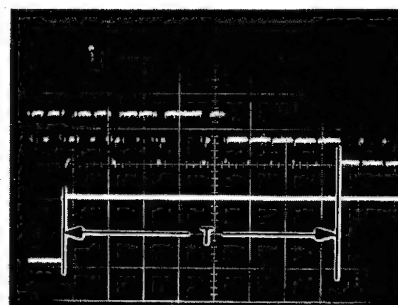


Fig. 25

7.4 Normal audio section

7.4.1 Bias current

- Adjust the VCR to AV input.
- Supply a colour bar signal to the video input terminal.
- Short circuit the audio input terminal.
- Load a cassette tape into the VCR.
- Connect an oscilloscope or a millivoltmeter to TP404 in the Audio section of PV01.
- Connect the shield of the measuring cable to TP405 in the Audio section of PV01.

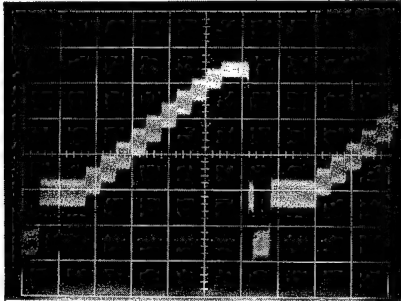
NOTE:

Maximum length of measuring cable 1 meter.

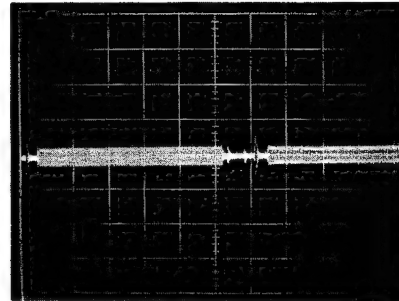
- Put the VCR in the record mode.
- Adjust the signal level on TP404 with R428 in the audio section of PV01 to 2.1 ± 0.1 mV RMS on the millivoltmeter or to 5.9 ± 0.2 mVp-p on the oscilloscope.

7.8.7 PAL SIF trap

- Receive the PAL-B/W stair step.
- Connect the oscilloscope to TP705 and set the oscilloscope so that the 1 line waveform can be obtained.
- Adjust L702 on RF/IF section of PL01 so that the 5.5 MHz beat amplitude on the TP705 video waveform becomes minimum.

**7.9.4 PAL 1H DL. AMP. (R - Y)**

- Receive the blue raster.
- Connect the oscilloscope to TP8D4 and set the oscilloscope so that the 1H waveform can be obtained.
- Turn R8G9 until the signal amplitude becomes minimum.
- Repeat the section 7.9.3 and 7.9.4.
- * Adjust so that the waveform amplitude of TP8D3 and TP8D4 becomes minimum and equal.

**7.9 LCD section (Chroma decoder section)**

All test points and adjustment points used for this section are on chroma decoder section of PC01.

7.9.1 VDC

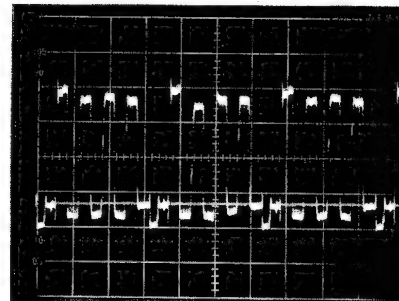
- Receive the PAL-B/W stair step.
- Set the bright control to the center position.
- Turn R8C4 until the contrast on the screen becomes maximum.

7.9.2 PAL burst cleaning

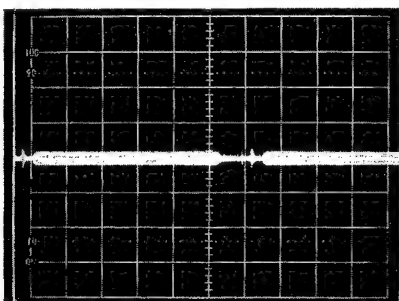
- Receive the PAL Philips pattern.
- Set the color control to the center position.
- Turn L8A2 until the both ends of line on the screen becomes clear gray.
- * Should not be red or blue.

7.9.5 PAL 1H DL phase

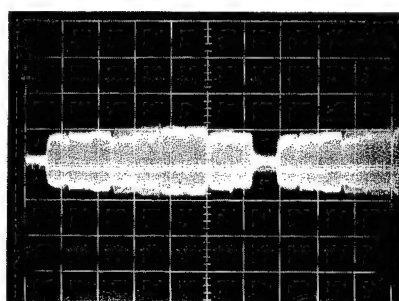
- Receive the PAL color bar.
- Connect the oscilloscope to TP8A8.
- Turn L8A6 until two lines become superimposed.

**7.9.3 PAL 1 H DL. AMP. (B - Y)**

- Receive the red raster.
- Connect the oscilloscope to TP8D3 and set the oscilloscope so that the 1H waveform can be obtained.
- Turn R8G9 until the signal amplitude becomes minimum.

**7.9.6 SECAM bell filter**

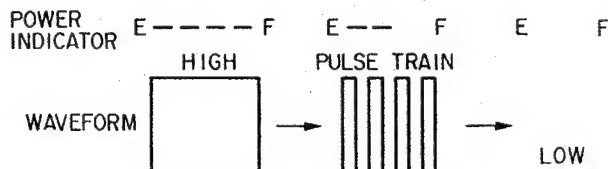
- Receive the SECAM color bar to the VHF-LOW channel (2CH - 4CH).
- Connect the oscilloscope to TP8D1 and set the oscilloscope so that the 1H waveform can be obtained.
- Turn L8C0 until the waveform amplitude becomes aligned.



7.7 System control section

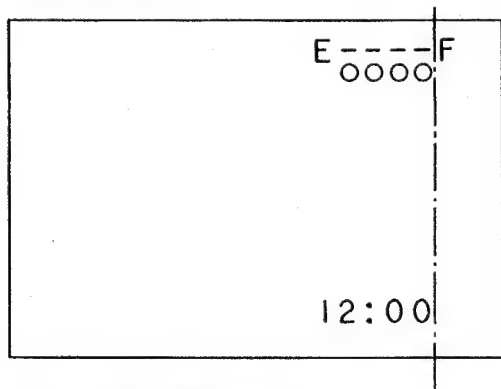
7.7.1 Under cut adjustment

- Supply the DC voltage 9.7 ± 0.05 V to the J102 connector Pin (1) Hot and Pin (2) GND.
- Connect the oscilloscope to TP607 on the system control section of PD01.
- Put the VCR in the REC mode.
- Turn R660 clockwise slowly until the waveform is switching from high to pulse trains and finally to low. As soon as the waveform is low, the set goes to stop and after 10 to 20 seconds the set switches off.



7.7.2 DE-OSD position adjustment

- Display the clock on the LCD monitor.
- Display the battery remaining indicator and counter number on the LCD monitor.
- Adjust the OSC control (R653) on the system control section of PD01 so that the battery and counter position is shown below.



7.8 TV section (RF/IF section)

Initialization of CH MEMO is referred to SERVICE MODE (page 1-4)

7.8.1 TV 5V

- Connect the DC voltmeter to TP1A4 in RF/IF/CHROMA power supply section of PL01.
- Turn R1A2 on RF/IF/CHROMA power supply section of PL01 until the voltage of TP1A4 becomes $5V \pm 0.05V$.

7.8.2 PAL. DET.

- Set the system switch to the PAL mode.
- Feed the non-modulation signal of 33.9 MHz, 100 dB μ V to TP701 on RF/IF section of PL01.
- Connect the oscilloscope or DC voltmeter to TP705 on RF/IF section of PL01.
- Feed the external power supply to TP704 on RF/IF section of PL01.
- Change the voltage range within DC 0 ~ 2V until the DC voltage of TP705 becomes 1.8V.
- Turn L712 on RF/IF section of PL01 until the DC voltage of TP705 becomes minimum.

7.8.3 SECAM L' DET.

- Set the system switch to the SECAM mode.
- Set the VHF-LOW channels (2 ~ 4ch) to the receiving status.
- Connect the non-modulation signal of 33.4 MHz, 100 dB μ V to TP701.
- Connect the oscilloscope or DC voltmeter to TP705.
- Feed the external power supply to TP704.
- Change the voltage range within DC 0 ~ 2V until the DC voltage of TP705 becomes 1.8V.
- Turn C759 on RF/IF section of PL01 until the DC voltage of TP705 becomes minimum.

7.8.4 PAL AFT

- Set the system switch to the PAL mode.
- Feed the non-modulation signal of 38.9 MHz, 80 dB μ V to TP701.
- Connect the oscilloscope or DC voltmeter to TP708 on RF/IF section of PL01.
- Turn L711 on RF/IF section of PL01 until the core is set to the deepest point.
- Adjust the DC voltage of TP708 to 2.5V by pulling out the core.

7.8.5 RF AGC

- Receive the PAL test pattern to the UHF channel (27ch) and set the input level to 69 dB μ V.
- Connect the oscilloscope or DC voltmeter to TP702.
- Turn R735 on RF/IF section of PL01 until the DC voltage of TP702 becomes 2.5V.

7.8.6 SECAM IF AGC

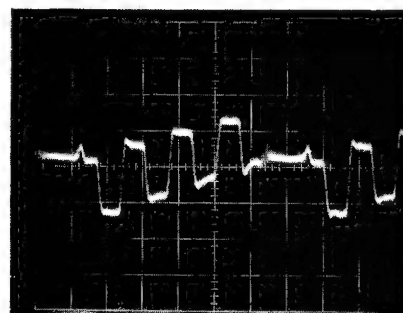
- Receive the SECAM color bar with 100% white.
- Connect the oscilloscope to TP706 so the 1 line waveform can be obtained.
- Adjust the signal on TP706 to 1.2Vp-p with R776 in the RF/IF section of the PL01.

7.9.7 SECAM ID filter

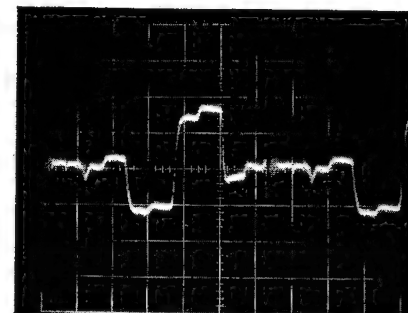
- Receive the SECAM color bar to the VHF-LOW channel (2CH - 4CH).
- Connect the oscilloscope or DC voltmeter to TP8D2.
- Turn L8A9 until the DC voltage of TP8D2 becomes maximum (approx. 2.2V).

7.9.8 SECAM B-Y DET

- Receive the SECAM color bar to the VHF-LOW channel (2CH - 4CH).
- Connect the oscilloscope to TP8A1 and set the oscilloscope so that the 1H waveform can be obtained.
- Turn L8A8 until the DC level of black and blanking becomes equal.

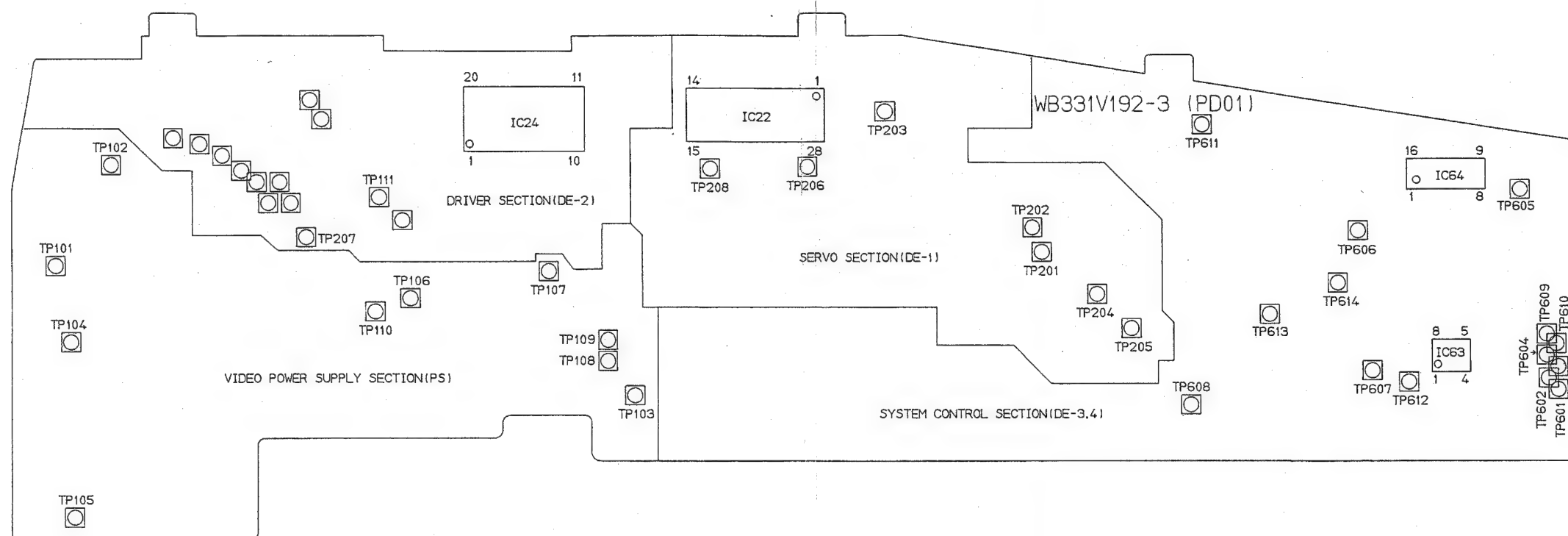
**7.9.9 SECAM R-Y DET.**

- Receive the SECAM color bar to the VHF-LOW channel (2CH - 4CH).
- Connect the oscilloscope to TP8A2 and set the oscilloscope so that the 1H waveform can be obtained.
- Turn L8A7 until the DC level of black and blanking becomes equal.

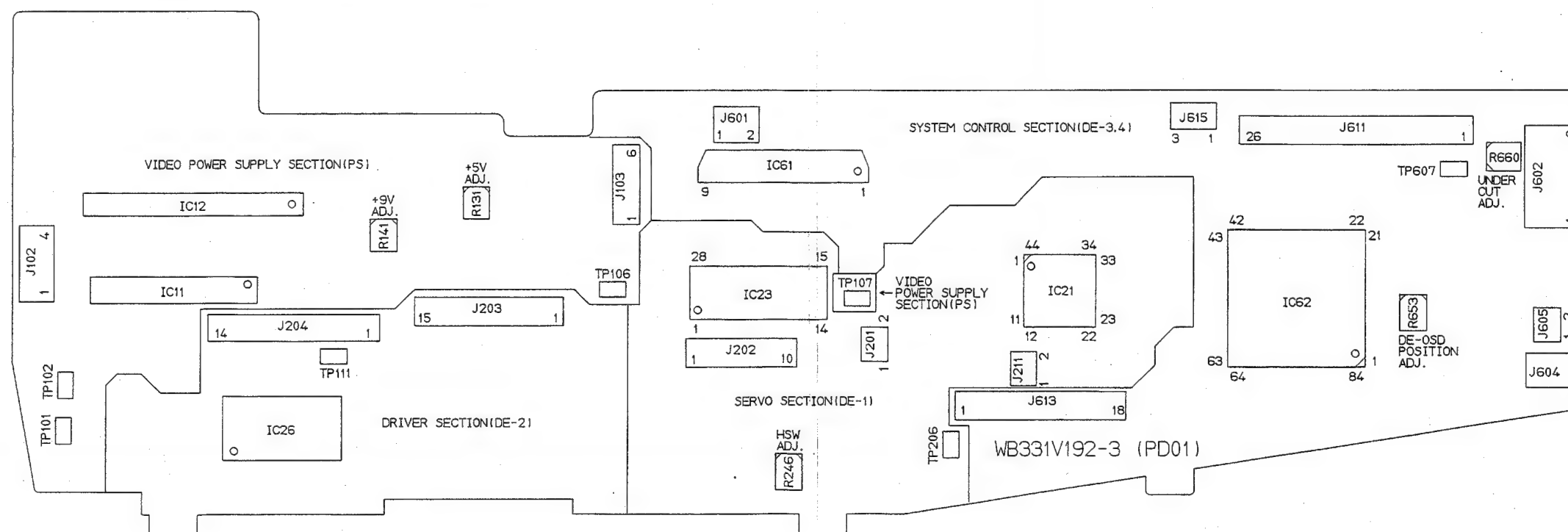


8. LOCATION OF TEST POINTS AND ADJUSTMENT POINTS

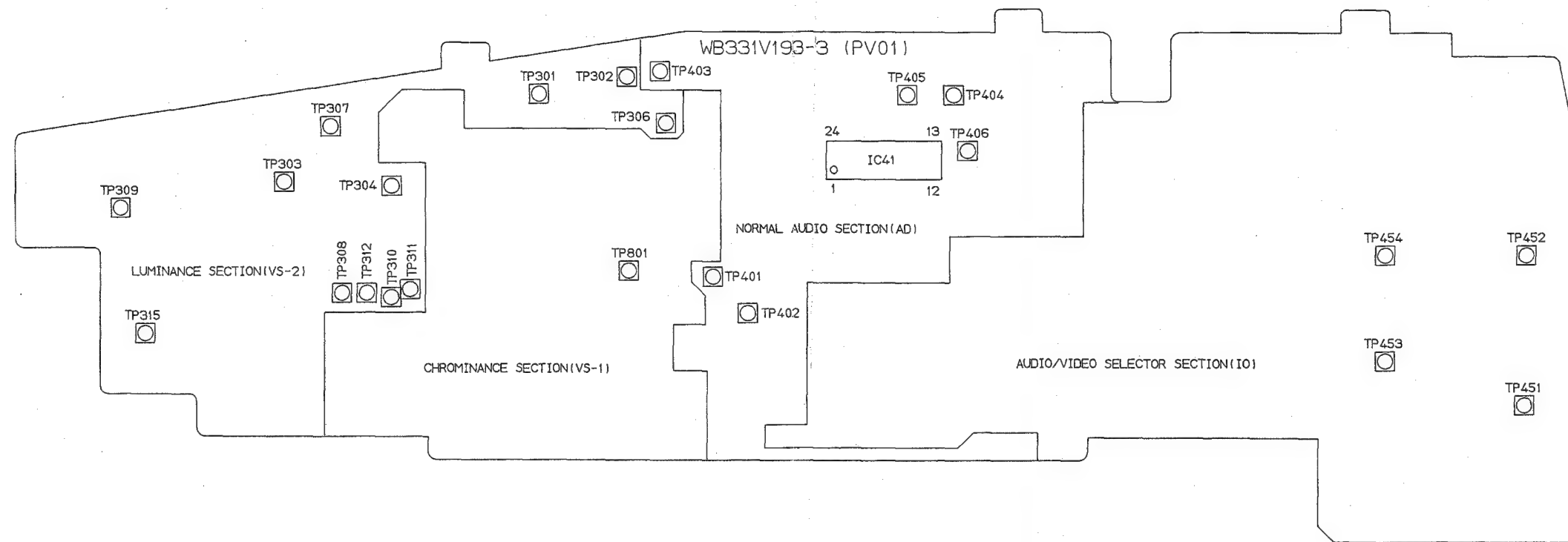
PD01 (Viewed From Dip Side)



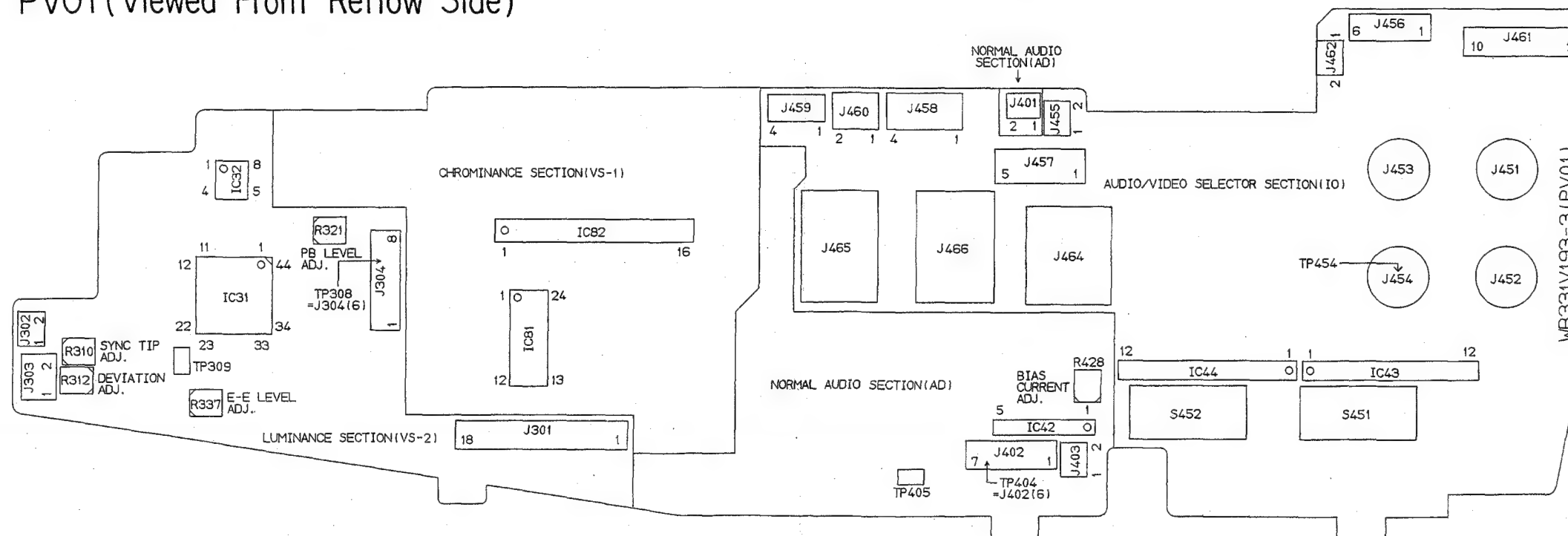
PDO1 (Viewed From Reflow Side)



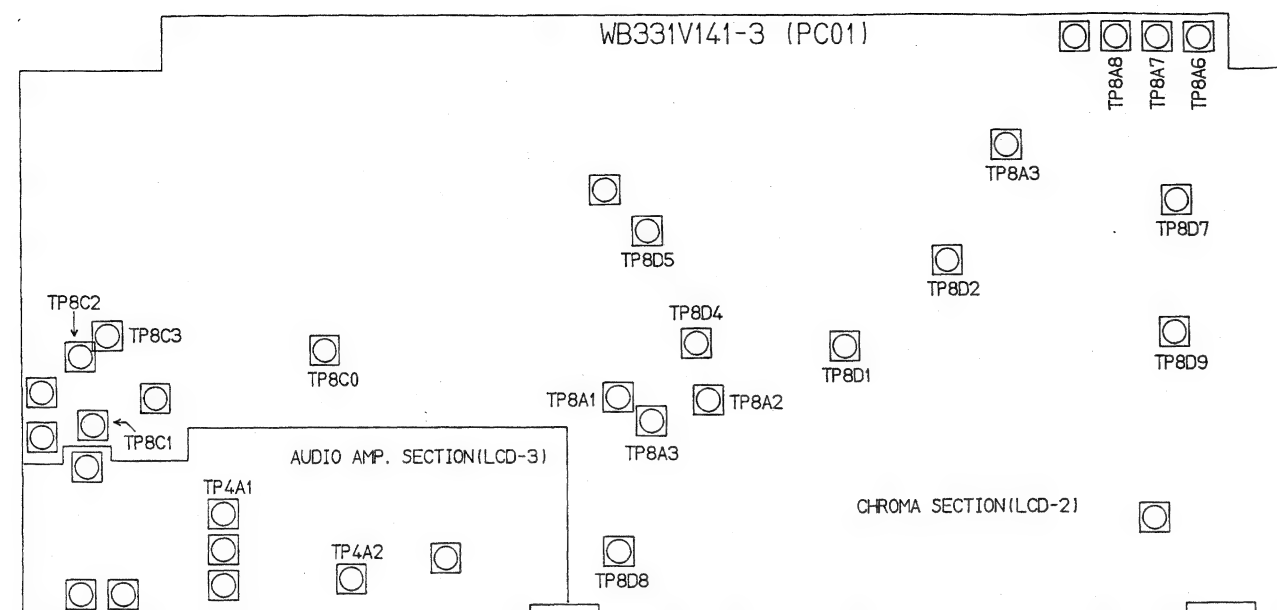
PV01 (Viewed From Dip Side)



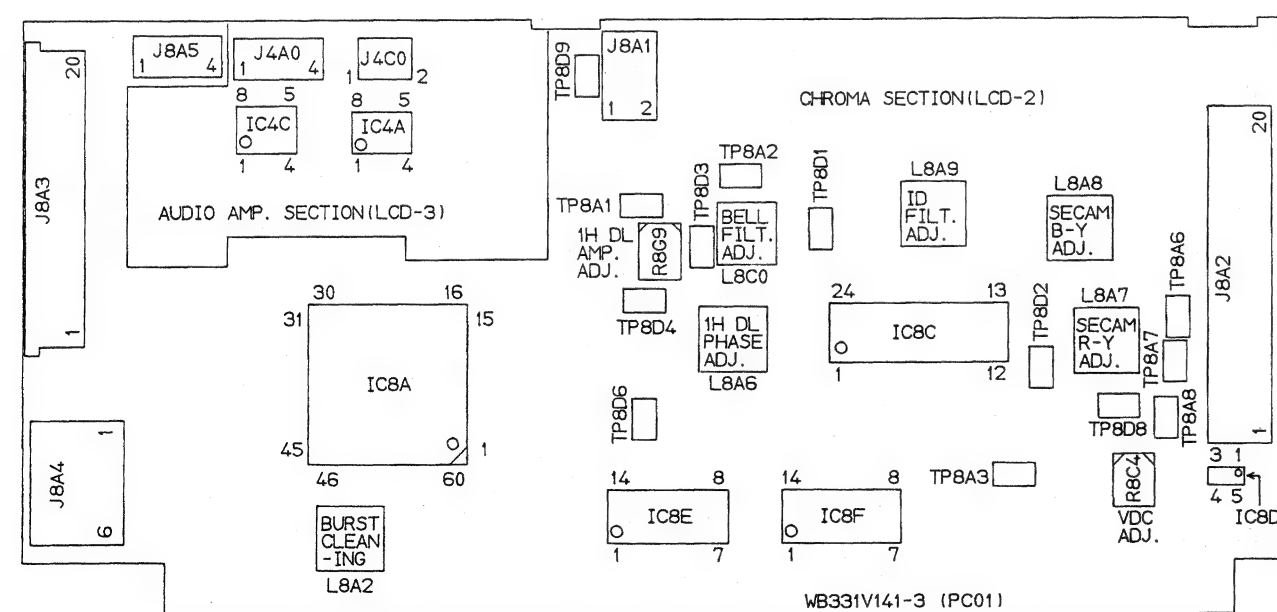
PV01 (Viewed From Reflow Side)



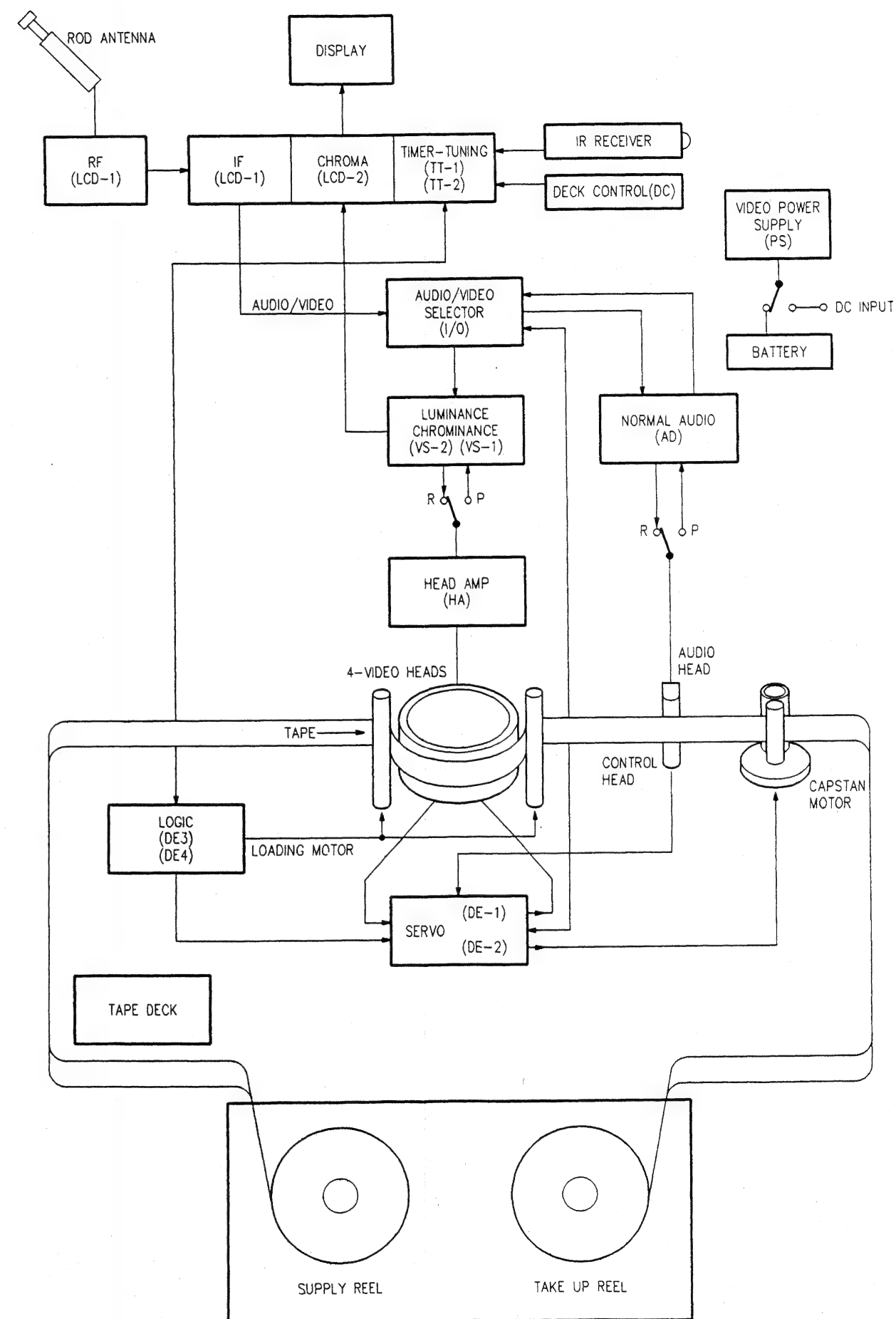
PC01 (Viewed From Dip Side)



PC01 (Viewed From Reflow Side)



OVERALL BLOCK DIAGRAM 1



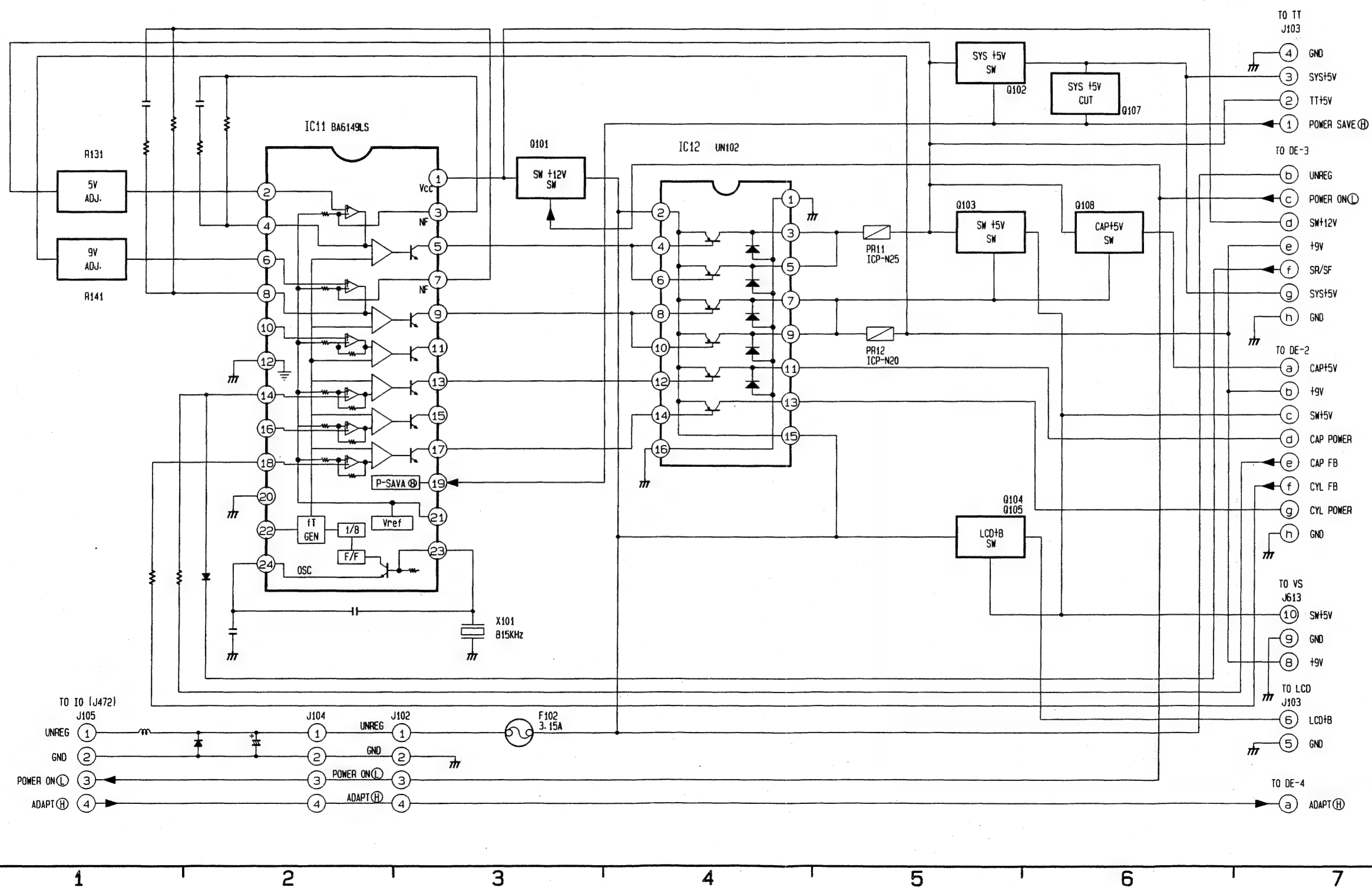
OVERALL BLOCK DIAGRAM 2

The diagram illustrates the overall block architecture of a portable VCR system, organized into several main functional areas:

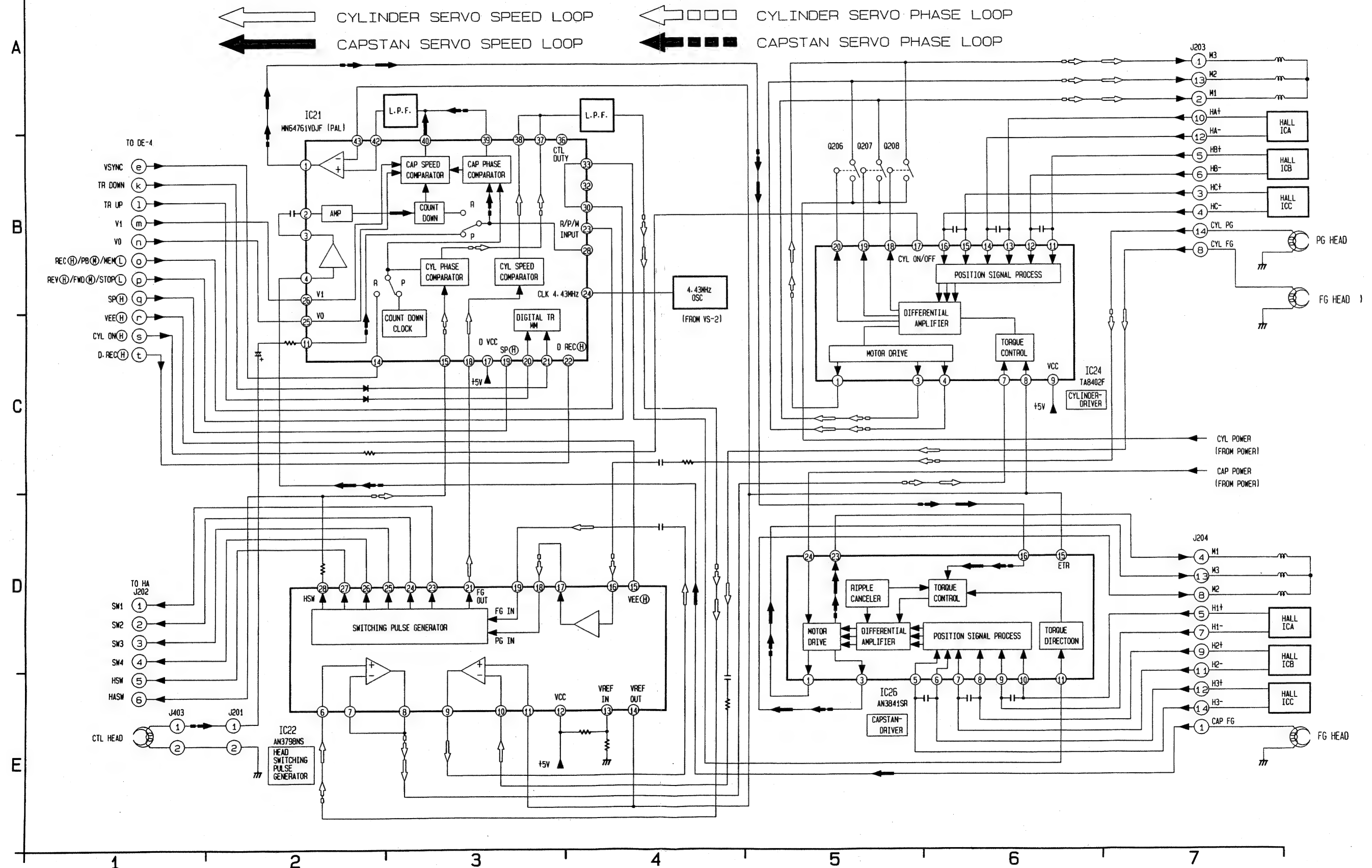
- Power and Backlighting (PB03, PA01, PD01):** Includes a BACK LIGHT (LCD-5) with a DC/AC INVERTER, a LITHIUM BATTERY (KEY), and a POWER SUPPLY (PS) with a PNM CTL (BA6149LS).
- Tuning and Video Input (PE01, PL01):** Features an EJECT (KEY) and ANT IN connector leading to an E702 TUNER UNIT.
- Video Processing (PC01, PB02):** Contains ICs for A/V IF (PAL) (M51348AFP), PAL/SECAM SEL. (TC74HC4053AF), A IF (SECAM) (M52018FP), and CH/-VOL +/- (LCD-5).
- Video and Audio Processing (PC01, PB01):** Includes a CHROMA DECODER (LCD-2) with ICs for CHROMA (M52003AFP), SECAM DECODER (M51404AFP), and SYNC DET (IC8D/IC8E). It also features an AUDIO AMP (N.M3866M) and an ELE. VOL. (M5222FP).
- Audio and Head Amplification (PH01, PV01):** Includes a HEAD AMP (HA) (AN3346FBP), an AUDIO/VIDEO SELECTOR (I1/O1), and various input/output connectors (Ain, Aout, Vin, Vout, ACCESSORY, HEAD PHONE 1, 2).
- System Control and Servo (PD01):** Contains a SYSTEM CONTROL (DE-4) with ICs for COMPARATOR (BA10393), SYSTEM CONTROL (MN15361VVF), and DRIVER (M54543L). It also includes a SERVO (DE-1) with a HSW GENERATOR (AN3798MS) and an INTERFACE (MN1551VYJ54).
- Deck Control and Mechanics (DC, DECK MECHA):** Includes a DECK CONTROL (DC) with a KEY MATRIX, and a DECK MECHA with components like CYLINDER, CAPSTAN, LOADING, and DEW SENSOR.
- Video Output and Recording (IC01, IC02, IC03, IC04):** Includes a CHROMINANCE (LA7332M), PAL/SECAM DET (LA7311), LUMINANCE (BA7259AK), and a CCD (TL8819F).

The diagram uses a grid system for reference, with letters A through F along the left edge and numbers 4 through 8 along the bottom edge.

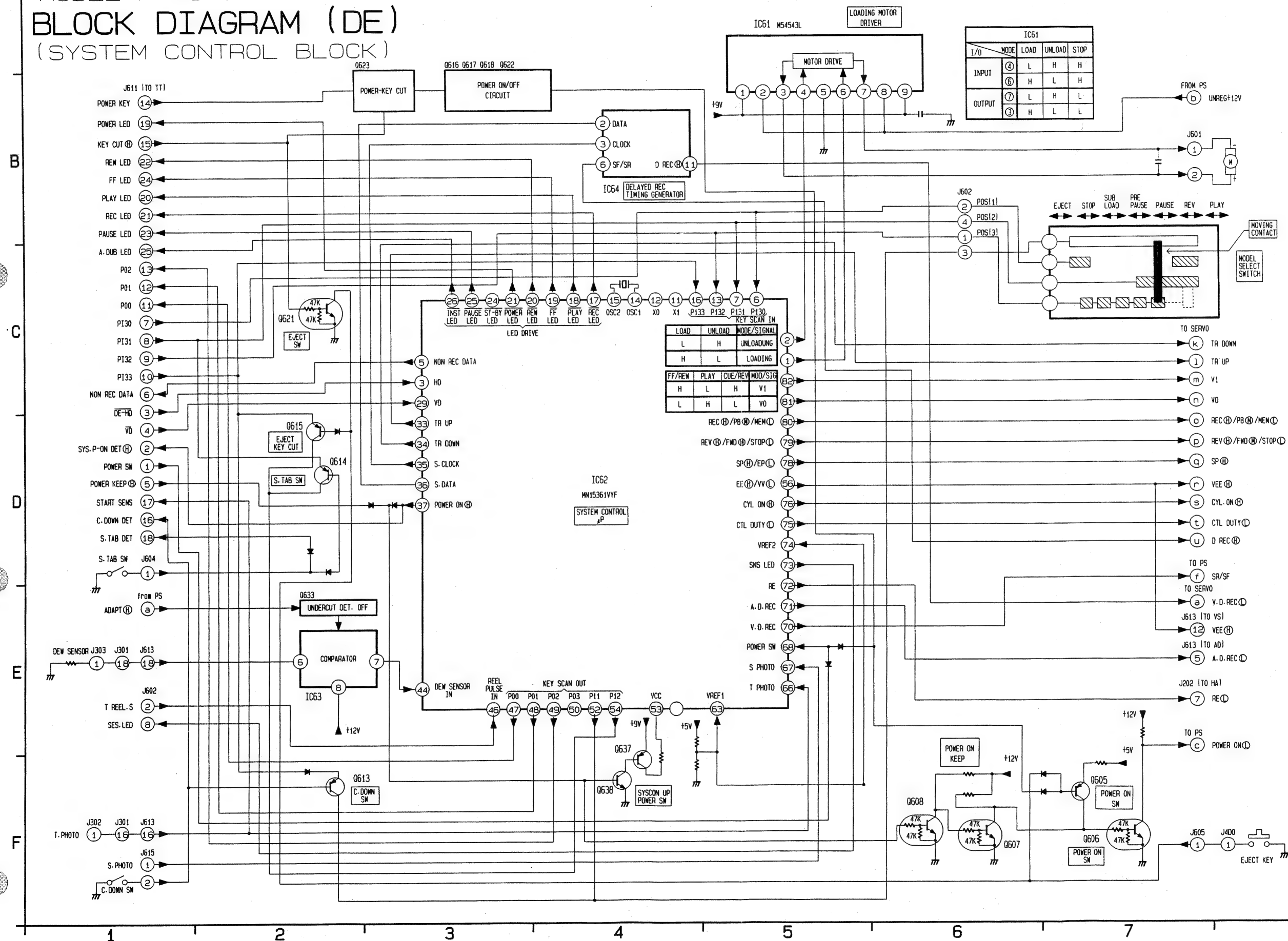
MODEL : PVR570 (PAL)
BLOCK DIAGRAM (PS)
 (VIDEO POWER SUPPLY BLOCK)

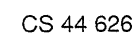


MODEL: PVR570 (PAL)
BLOCK DIAGRAM (DE)
 (SERVO BLOCK)

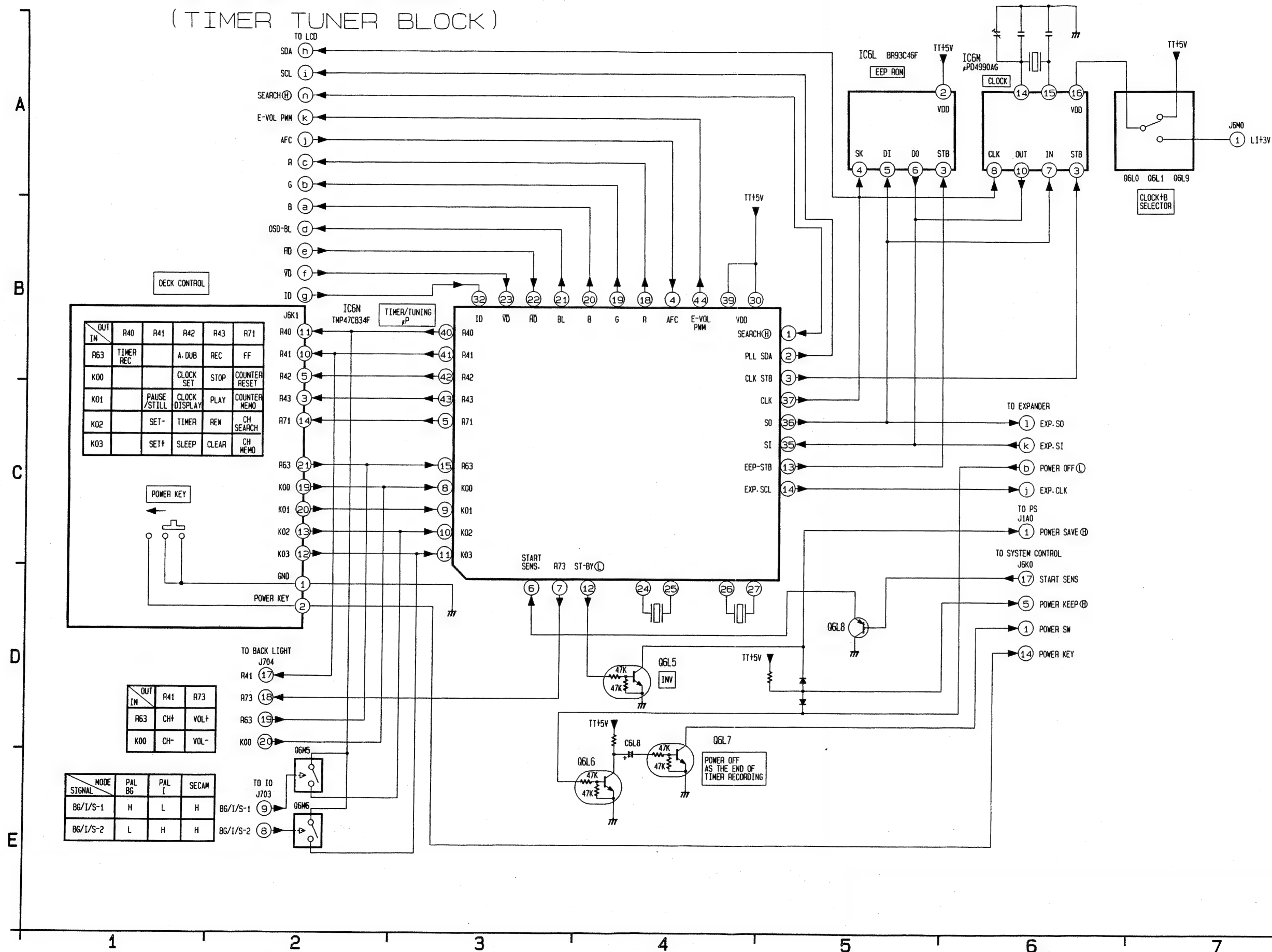


MODEL: PVR570 (PAL)
BLOCK DIAGRAM (DE)
 (SYSTEM CONTROL BLOCK)


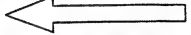



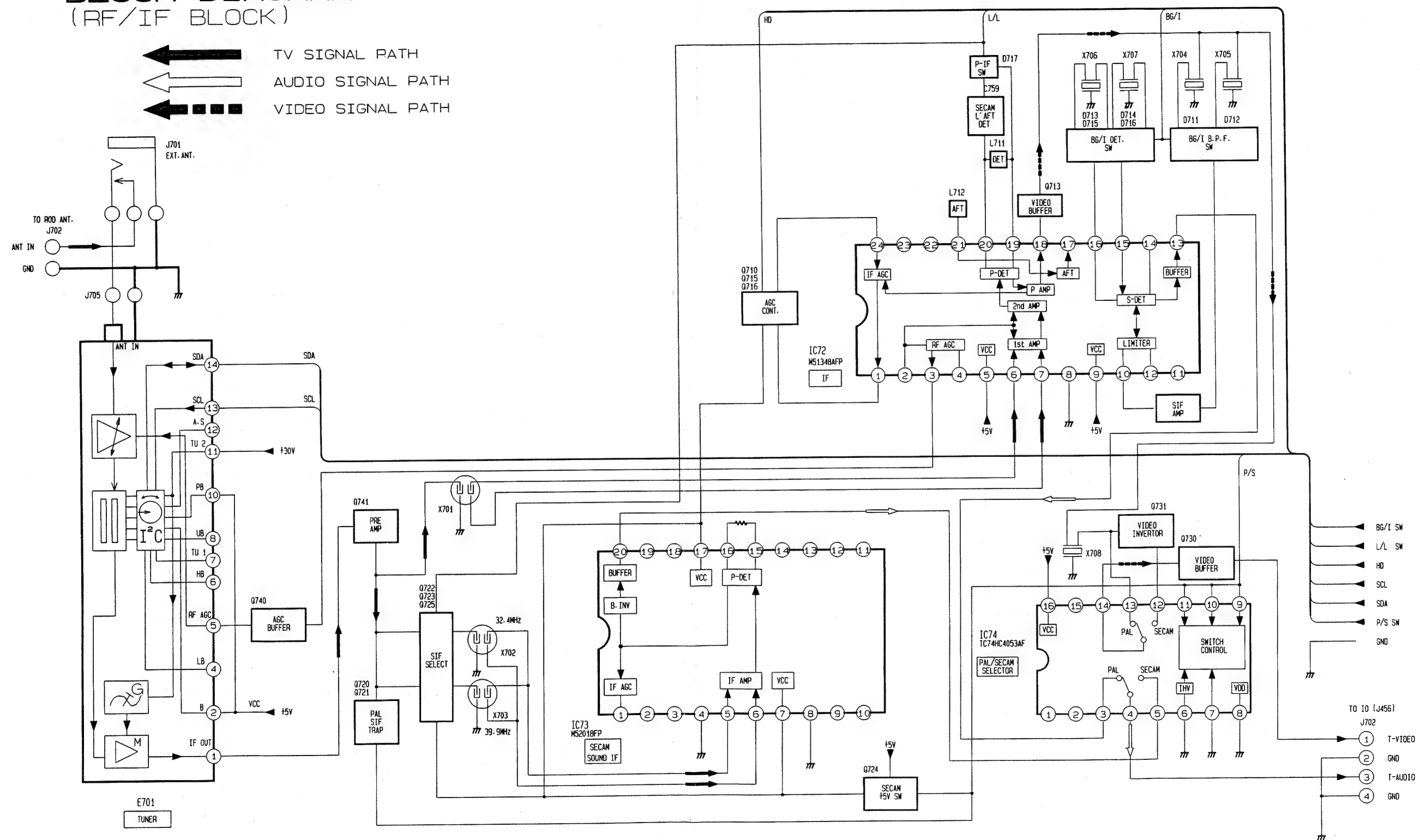


MODEL: PVR570 (PAL)
BLOCK DIAGRAM (TT)
 (TIMER TUNER BLOCK)

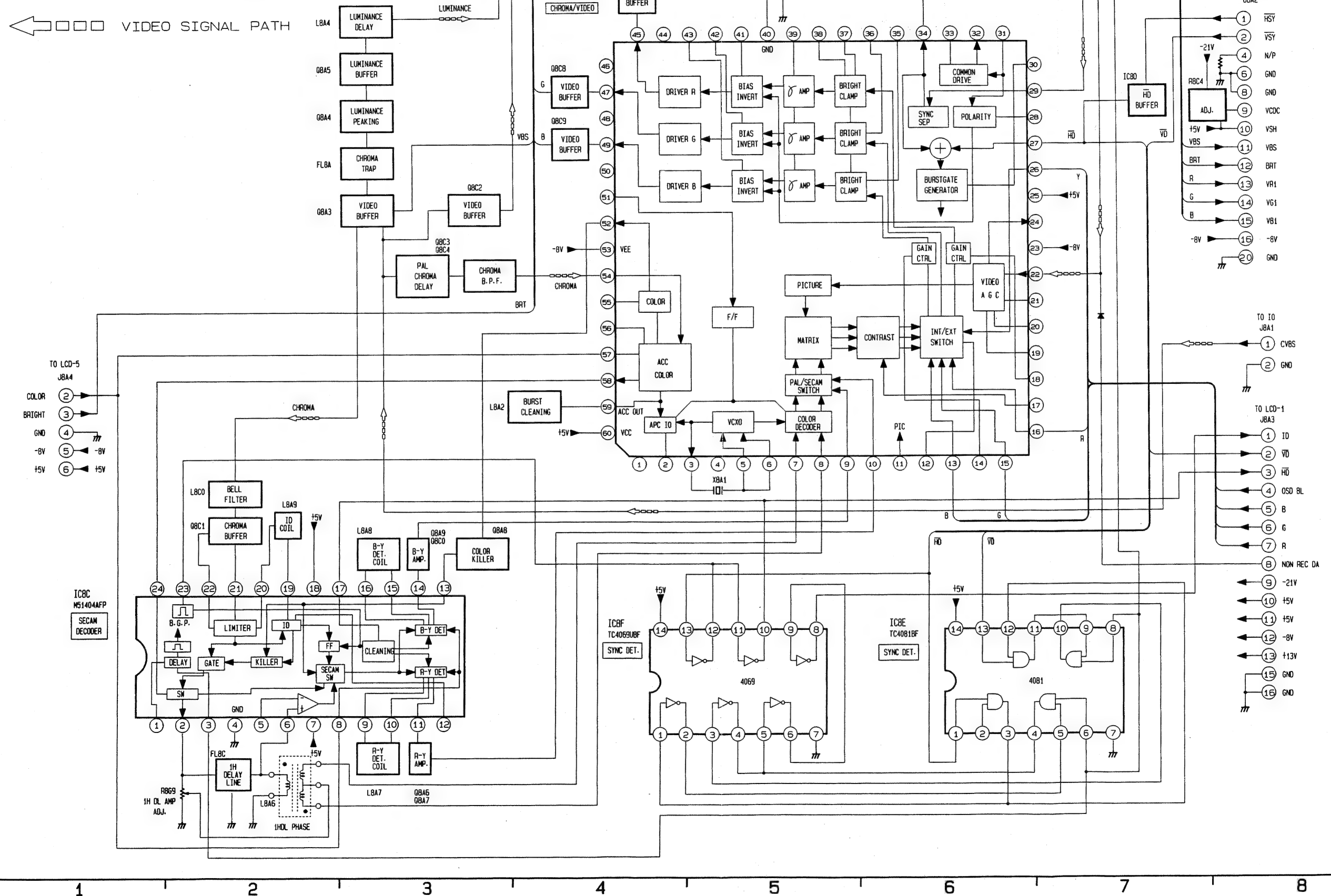


MODEL: PVR570 (PAL)
BLOCK DIAGRAM (LCD-1)
 (RF/IF BLOCK)

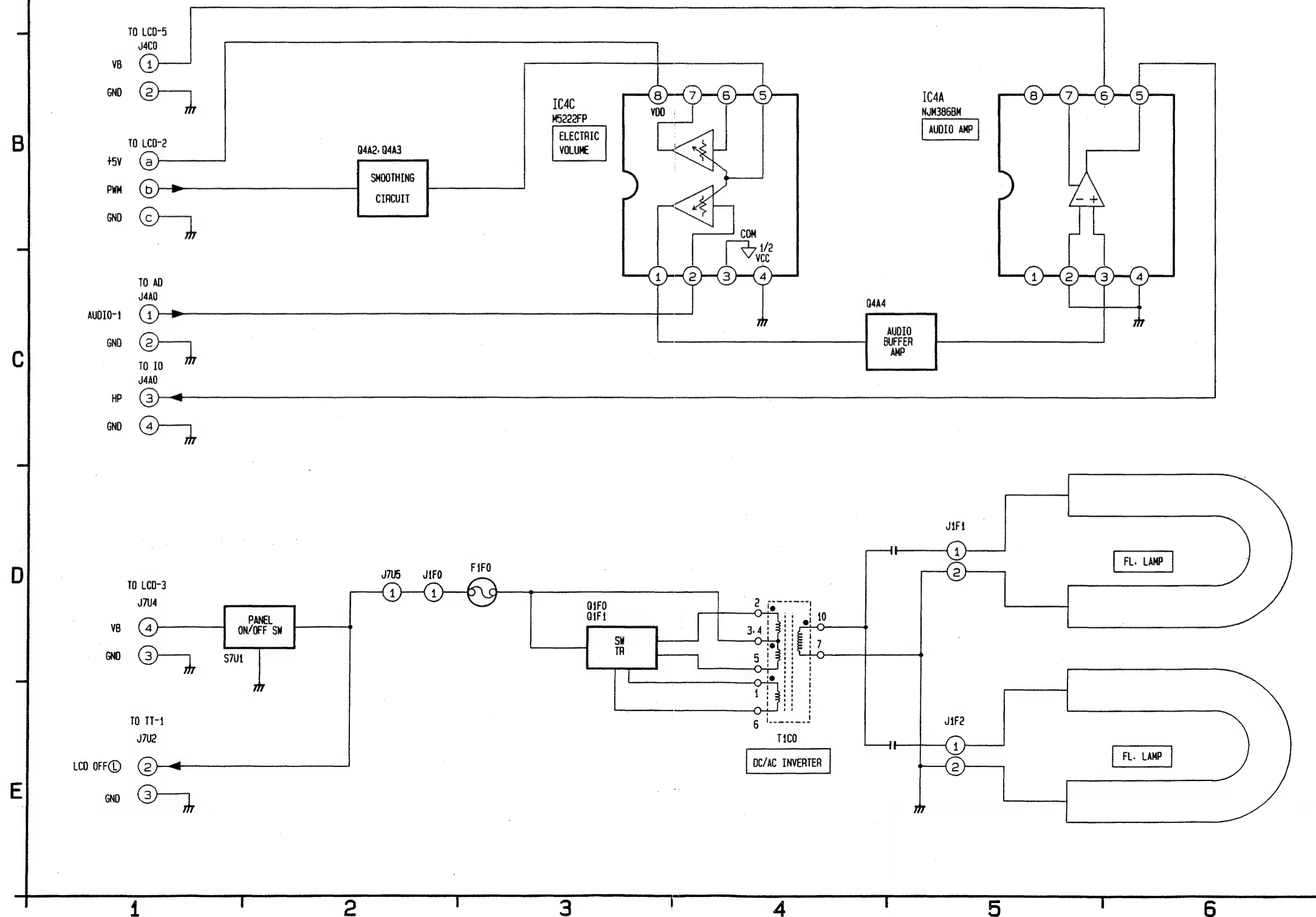
 TV SIGNAL PATH
 AUDIO SIGNAL PATH
 VIDEO SIGNAL PATH



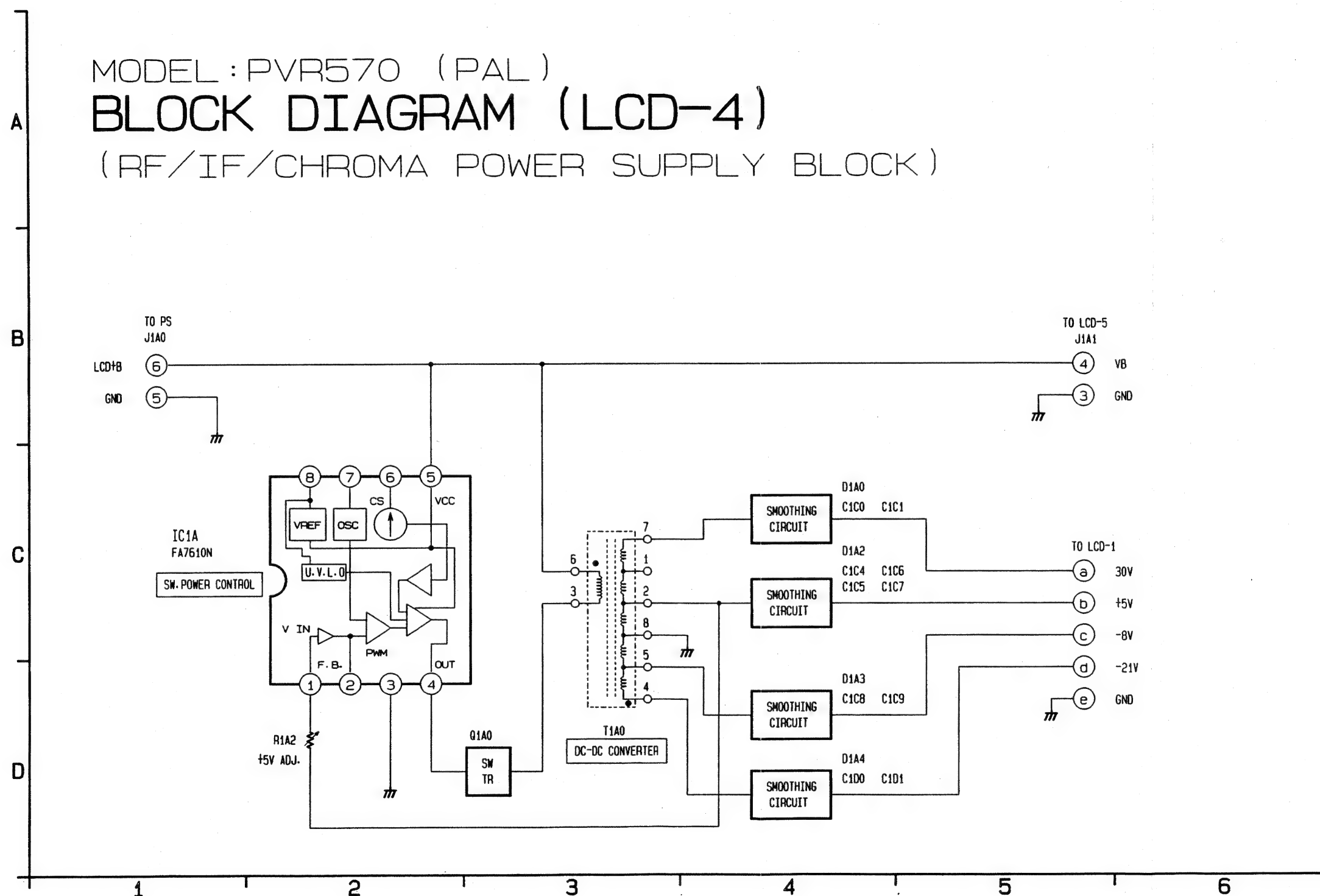
MODEL: PVR570 (PAL)
BLOCK DIAGRAM (LCD-2)
 (CHROMA DECODER/SYNC BLOCK)



MODEL: PVR570 (PAL)
BLOCK DIAGRAM (LCD-3)
 (BACK LIGHT/AMP/CONTROL BLOCK)

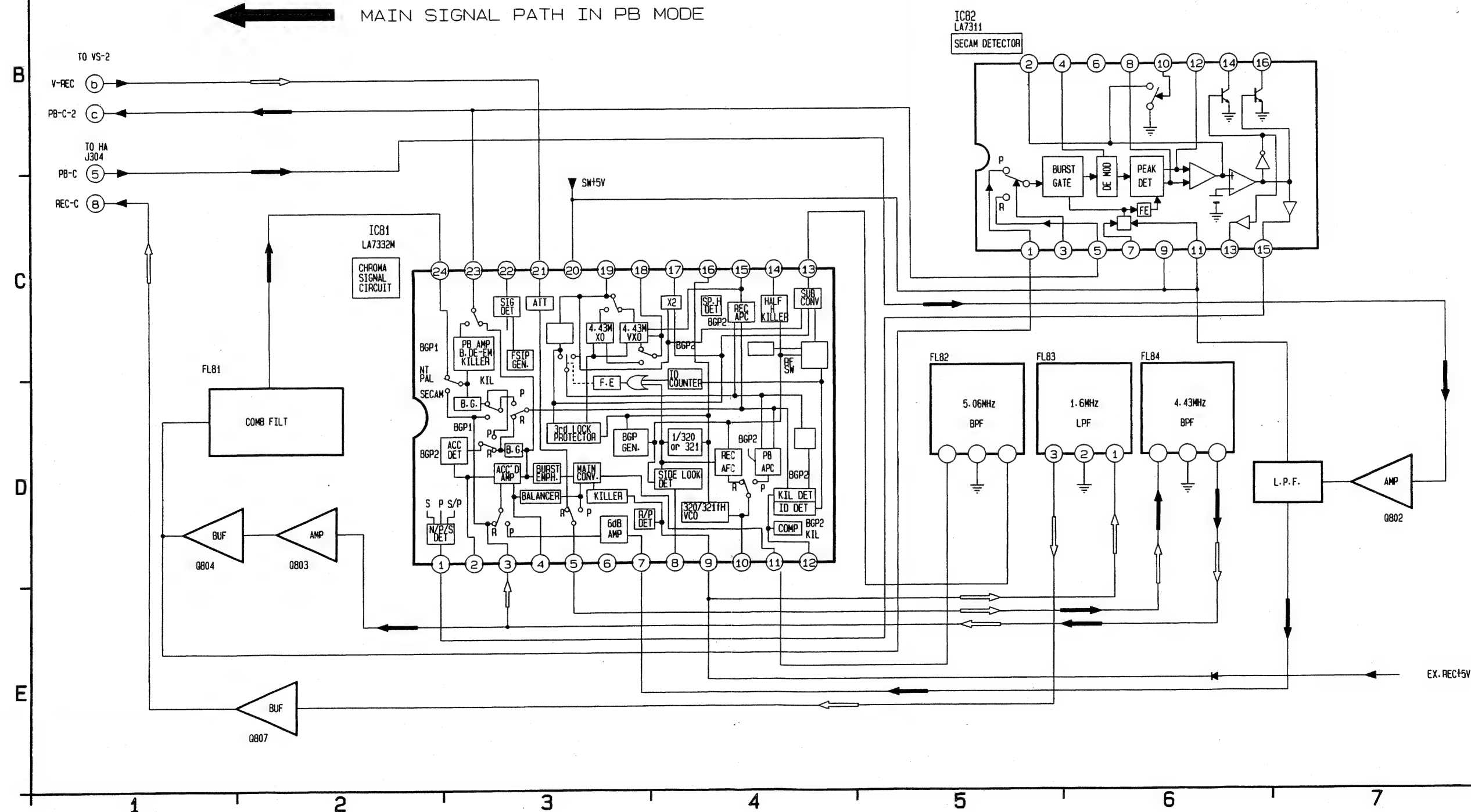


MODEL : PVR570 (PAL)
BLOCK DIAGRAM (LCD-4)
 (RF/IF/CHROMA POWER SUPPLY BLOCK)



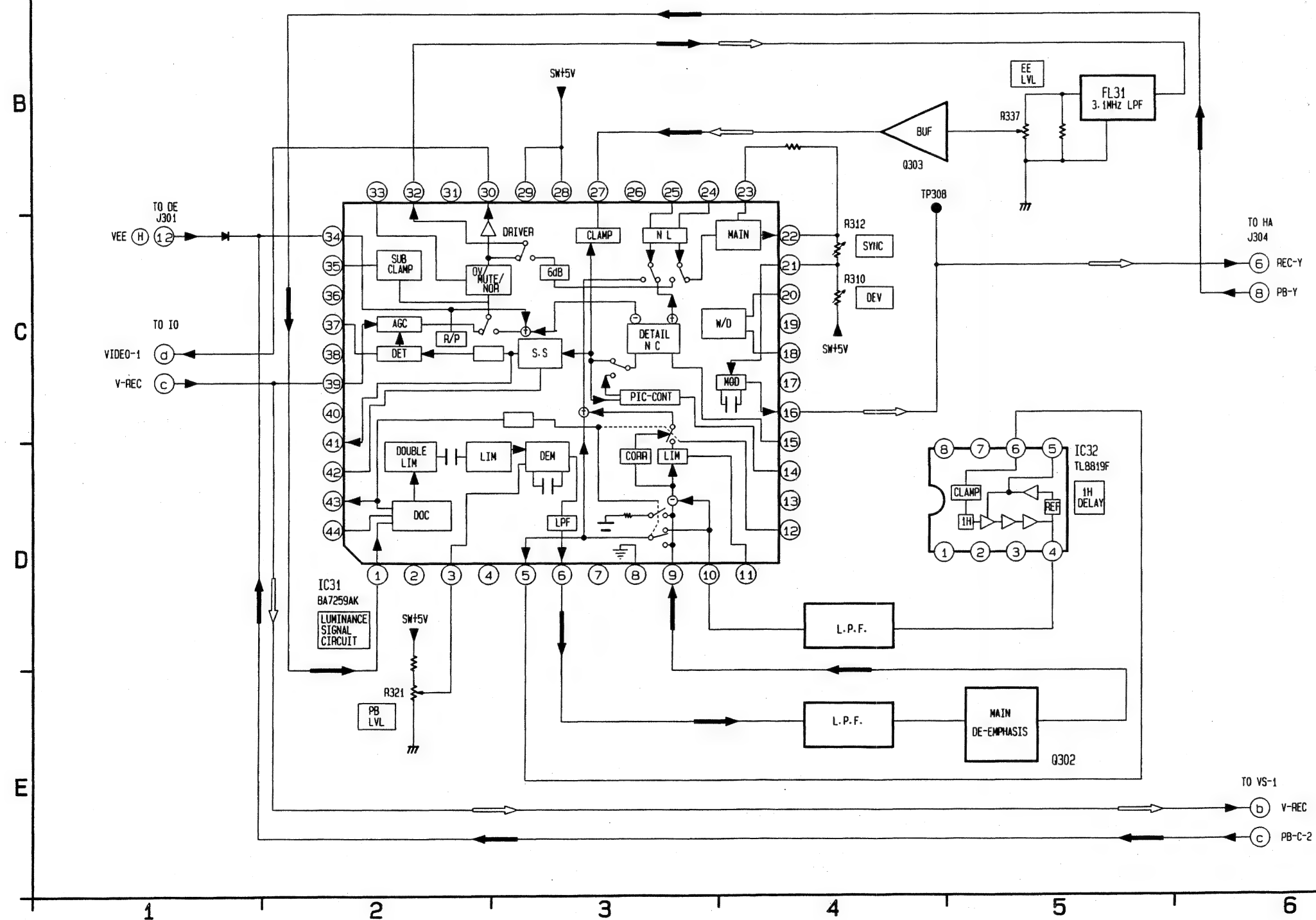
MODEL: PVR570 (PAL)
BLOCK DIAGRAM (VS)
 (CHROMINANCE BLOCK)

← MAIN SIGNAL PATH IN REC MODE
 ← MAIN SIGNAL PATH IN PB MODE

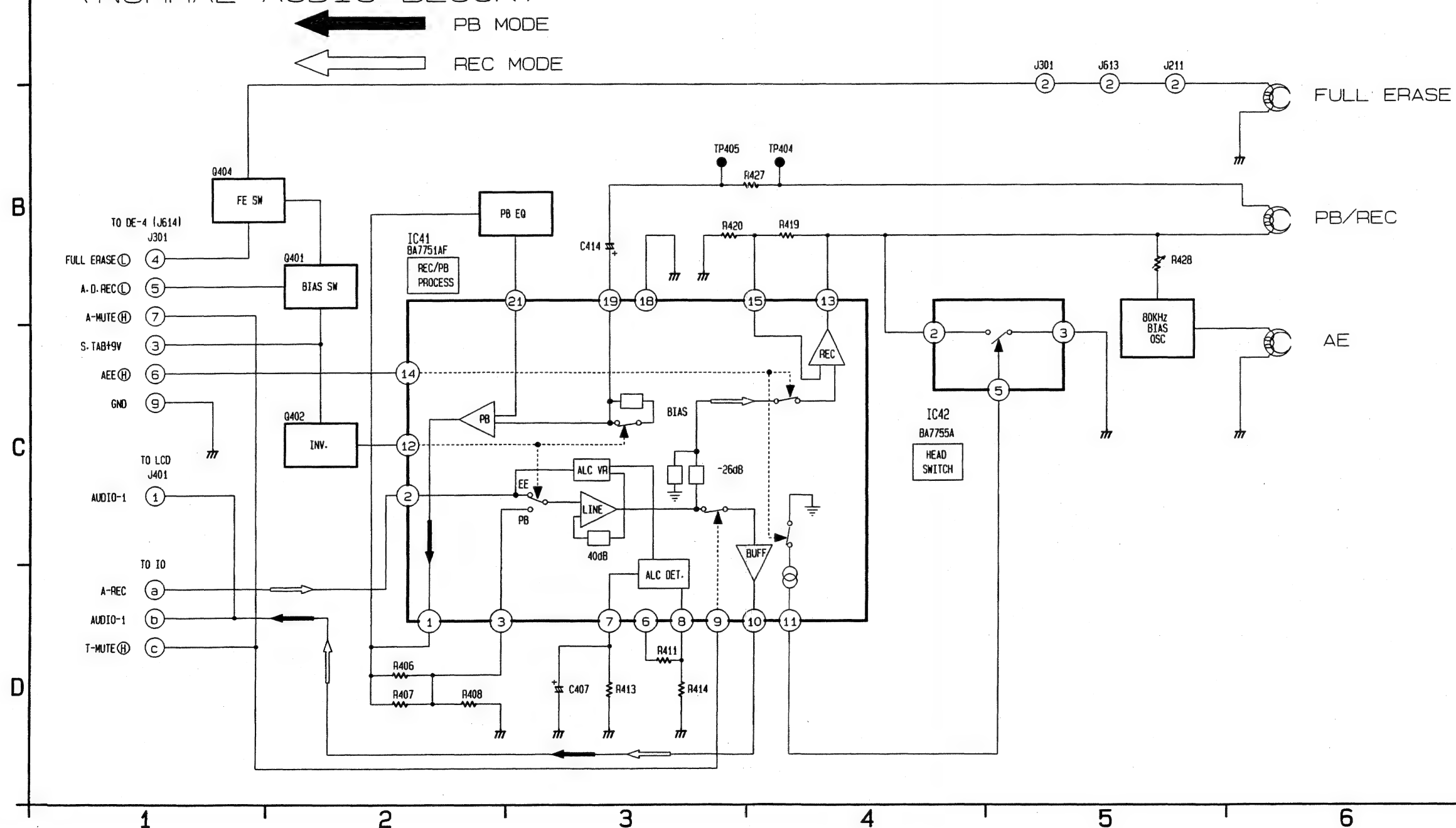


MODEL: PVR570 (PAL)
BLOCK DIAGRAM (VS)
 (LUMINANCE BLOCK)

← MAIN SIGNAL PATH IN REC MODE
 ← MAIN SIGNAL PATH IN PB MODE

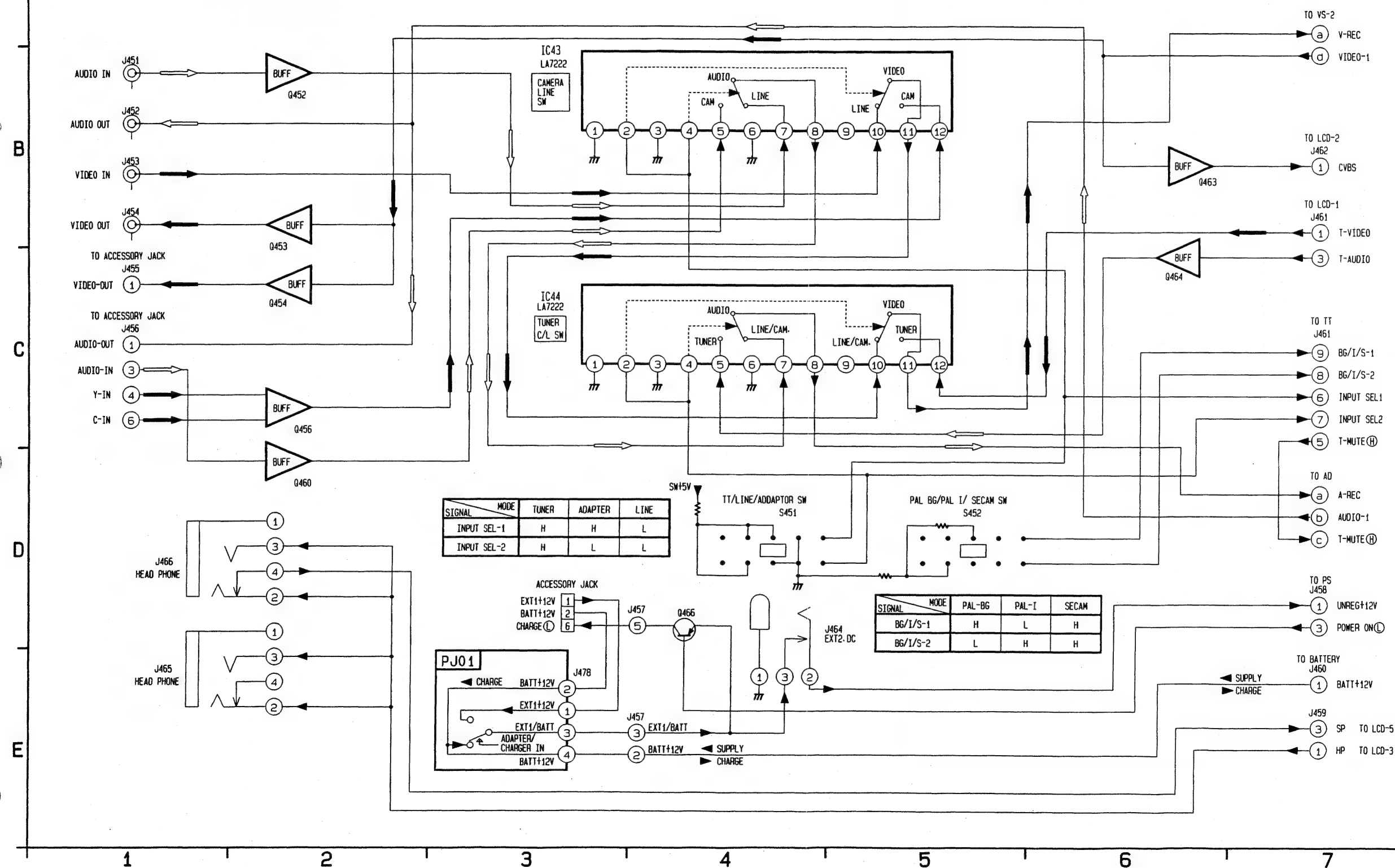


MODEL: PVR570 (PAL)
BLOCK DIAGRAM (AD)
 (NORMAL AUDIO BLOCK)


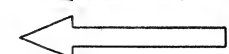


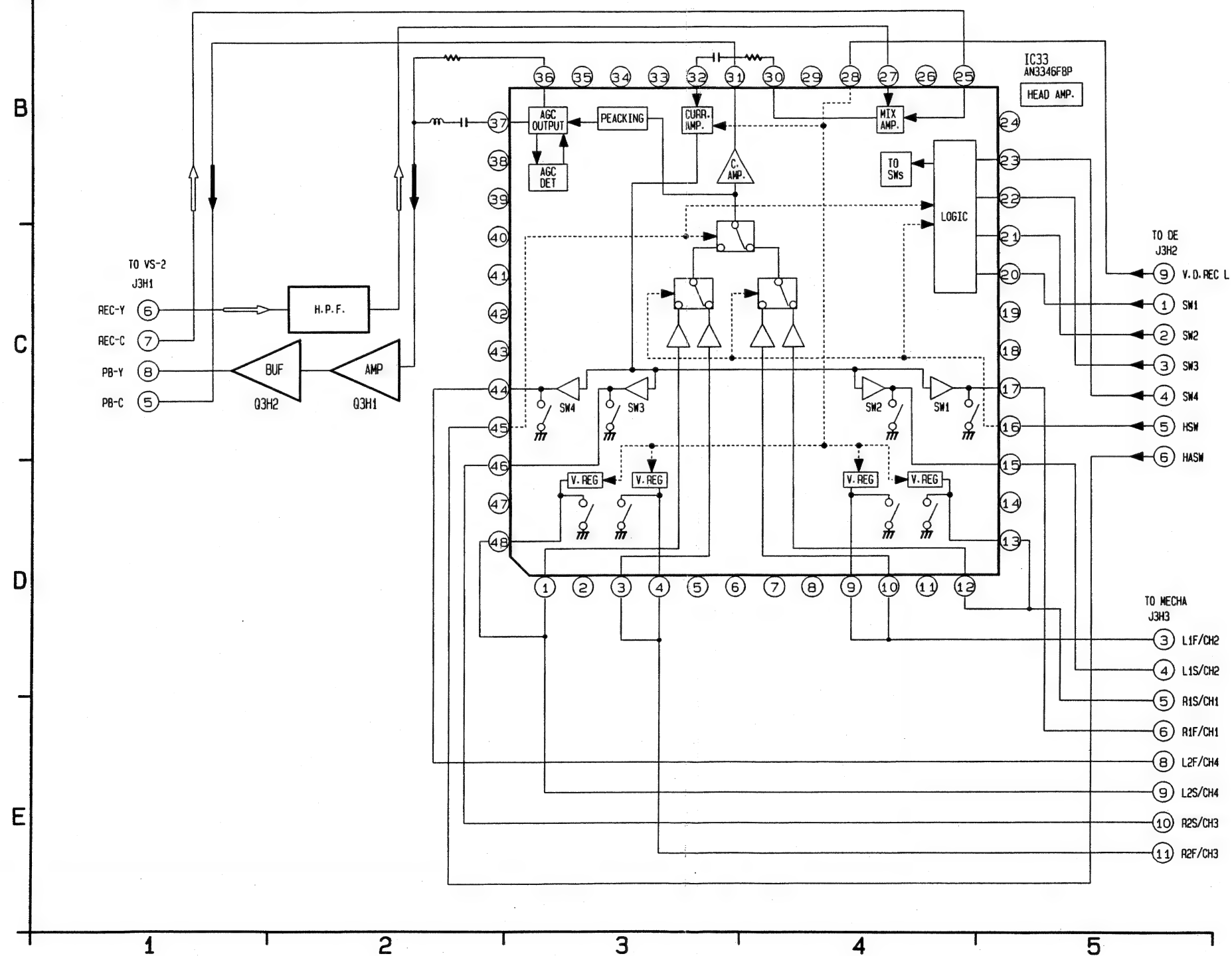
MODEL: PVR570 (PAL)
BLOCK DIAGRAM (IO)
 (AUDIO/VIDEO SELECTOR BLOCK) (PVO1)

← AUDIO SIGNAL
 ← VIDEO SIGNAL

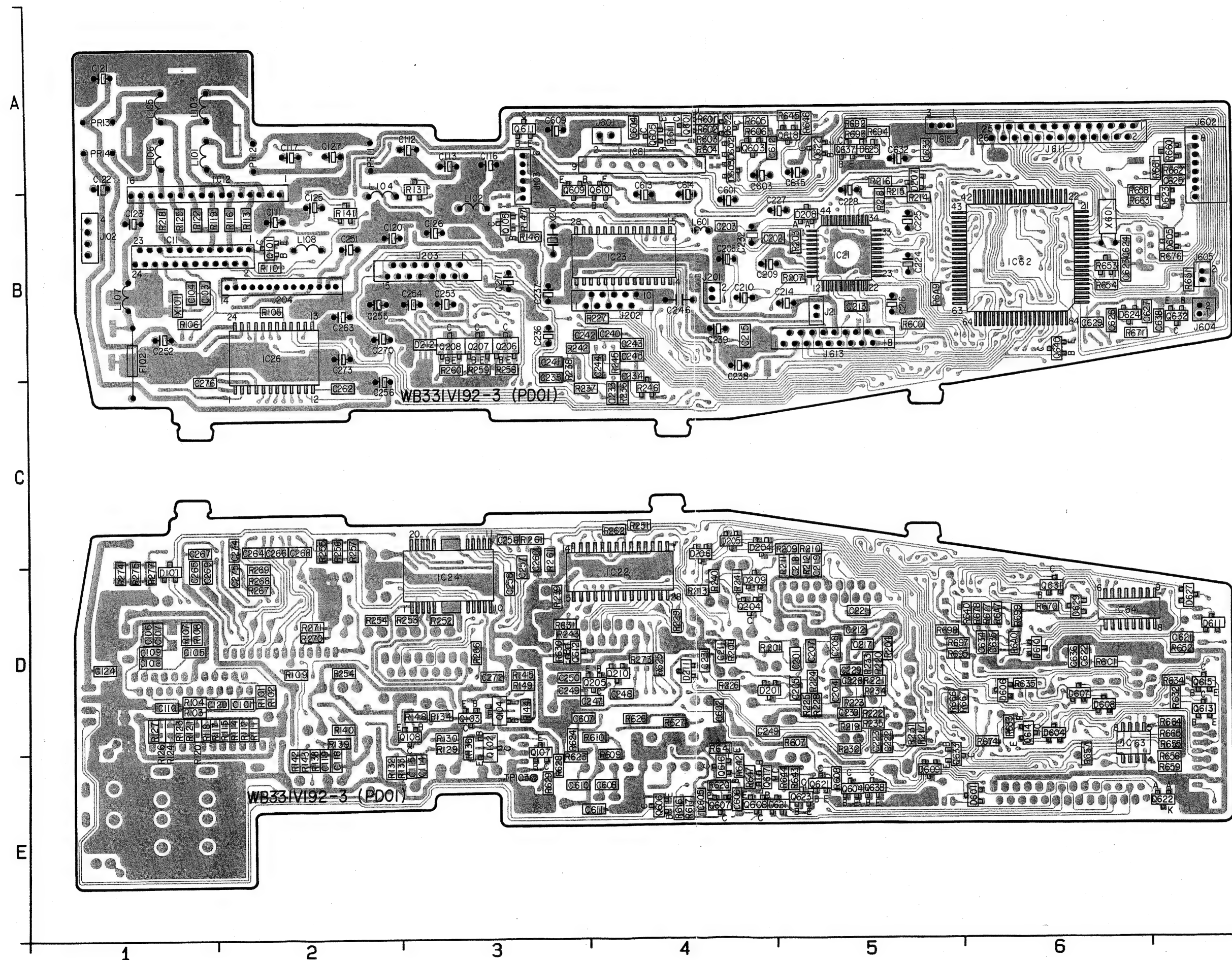


MODEL: PVR570 (PAL)
BLOCK DIAGRAM (HA)
 (HEAD AMP BLOCK)

 MAIN SIGNAL PATH IN PB
 MAIN SIGNAL PATH IN REC



SERVO/DRIVE/SYSTEM CONTROL/VIDEO POWER SUPPLY
P. C. B DRAWING PD01



IC's

| | |
|------|----|
| IC11 | B1 |
| IC12 | A2 |
| IC21 | B5 |
| IC22 | D4 |
| IC23 | B4 |
| IC24 | D3 |
| IC26 | B2 |
| IC61 | A4 |
| IC62 | B6 |
| IC63 | D6 |
| IC64 | D6 |



DIODES

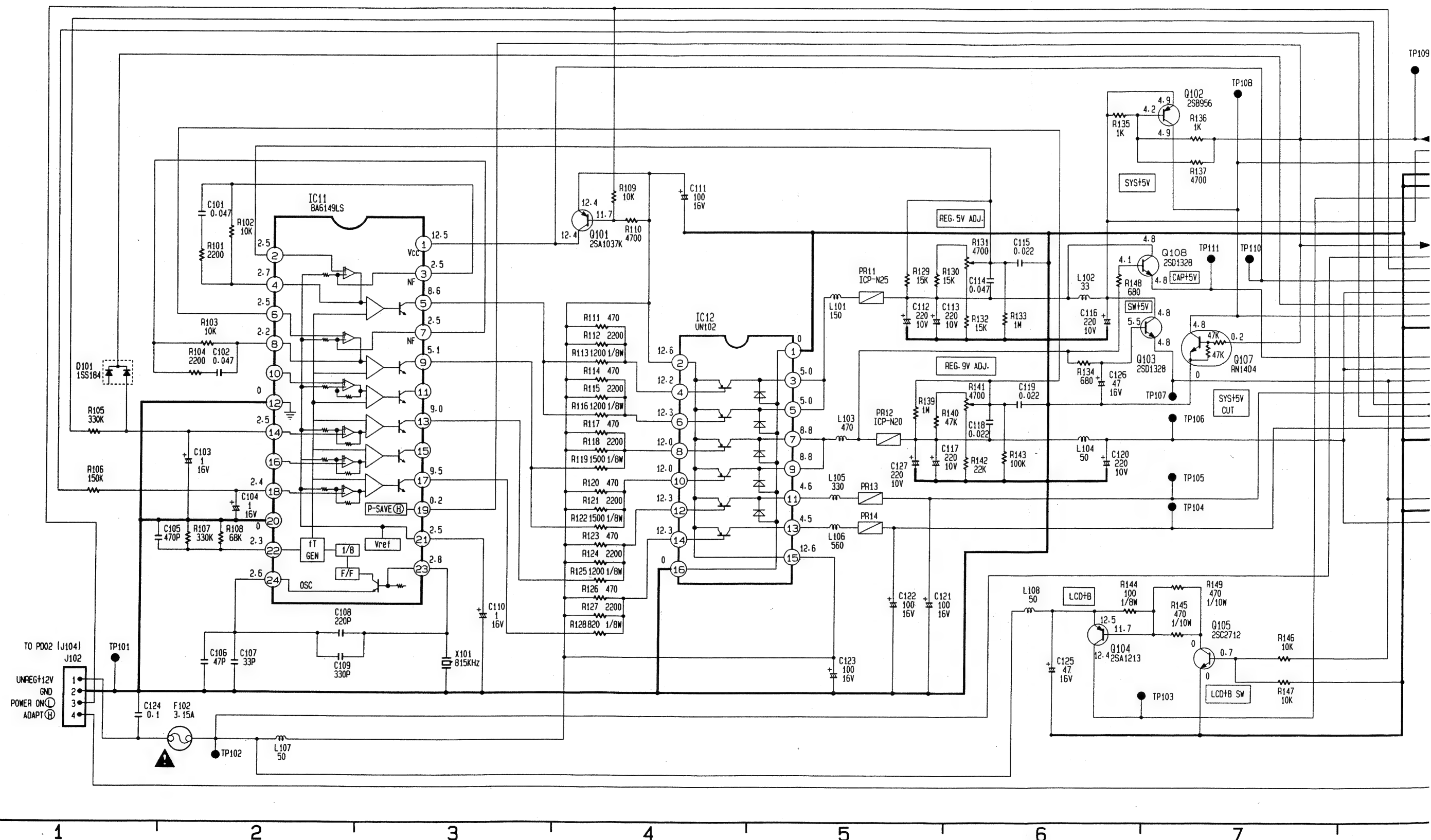
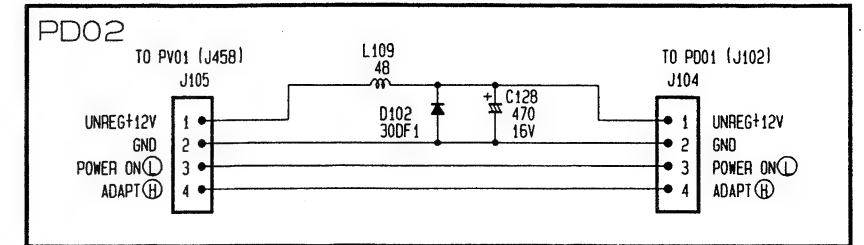
| | |
|------|----|
| D101 | C1 |
| D201 | D4 |
| D204 | C4 |
| D205 | C4 |
| D206 | C4 |
| D207 | A5 |
| D208 | B5 |
| D209 | D4 |
| D210 | D4 |
| D211 | D4 |
| D601 | E6 |
| D602 | A4 |
| D603 | A4 |
| D604 | D6 |
| D605 | B7 |
| D606 | D6 |
| D607 | D6 |
| D608 | D6 |
| D609 | E5 |
| D610 | D6 |
| D611 | D7 |
| D621 | E4 |
| D622 | E7 |
| D623 | B7 |
| D624 | B6 |
| D625 | A5 |
| D627 | D7 |
| D629 | D6 |



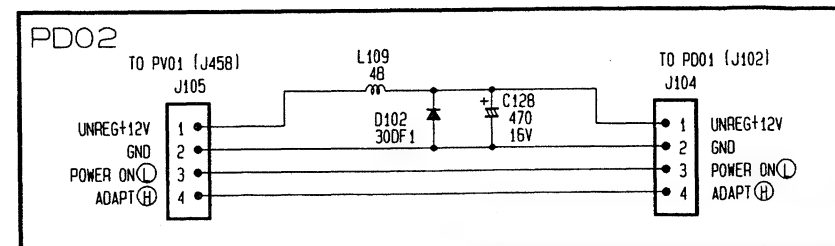
TRANSISTORS

| | |
|------|----|
| Q101 | B2 |
| Q102 | D3 |
| Q103 | D3 |
| Q104 | D3 |
| Q105 | B3 |
| Q107 | D3 |
| Q108 | D3 |
| Q204 | D4 |
| Q205 | D3 |
| Q206 | B3 |
| Q207 | B3 |
| Q208 | B3 |
| Q601 | A4 |
| Q602 | A4 |
| Q603 | A4 |
| Q604 | E5 |
| Q605 | A4 |
| Q606 | E4 |
| Q607 | E4 |
| Q608 | E4 |
| Q609 | A3 |
| Q610 | A4 |
| Q611 | A3 |
| Q612 | D3 |
| Q613 | D7 |
| Q614 | D6 |
| Q615 | D7 |
| Q616 | E4 |
| Q617 | E4 |
| Q618 | A5 |
| Q621 | E5 |
| Q622 | A5 |
| Q623 | E5 |
| Q631 | D6 |
| Q632 | B7 |
| Q633 | E5 |
| Q637 | A5 |
| Q638 | E5 |
| Q640 | B6 |

MODEL : PVR570 (PAL)
SCHEMATIC DIAGRAM (PS)
(VIDEO POWER SUPPLY BLOCK)



VIDEO POWER SUPPLY P.C.B. DRAWING PD02

(PS)
OK)

IC's

IC11 B2

IC12 C4



TRANSISTORS

Q101 B4

Q102 B7

Q103 C7

Q104 E6

Q105 E7

Q107 C7

Q108 C7



DIODES

D101 C1

D102 A7

TEST POINTS

TP101 E1

TP102 E2

TP103 E7

TP104 D7

TP105 D7

TP106 C7

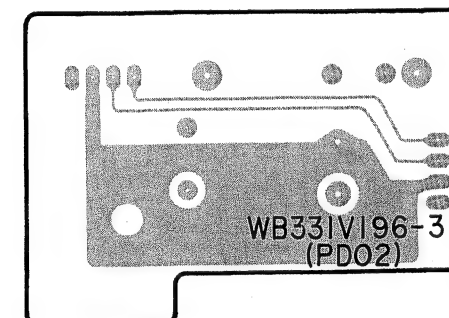
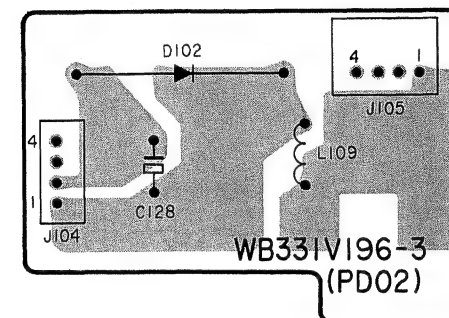
TP107 C7

TP108 B7

TP109 B8

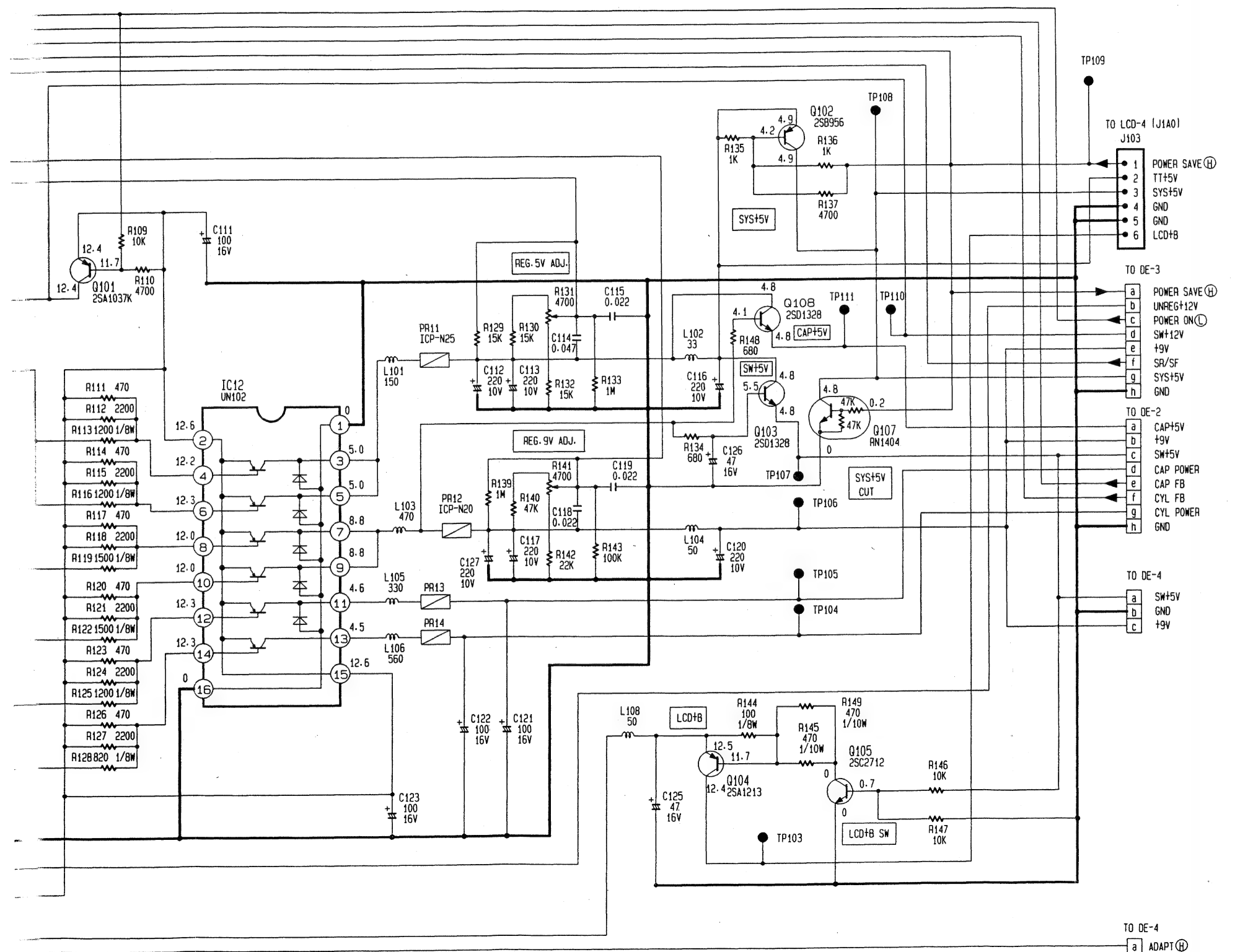
TP110 C7

TP111 C7



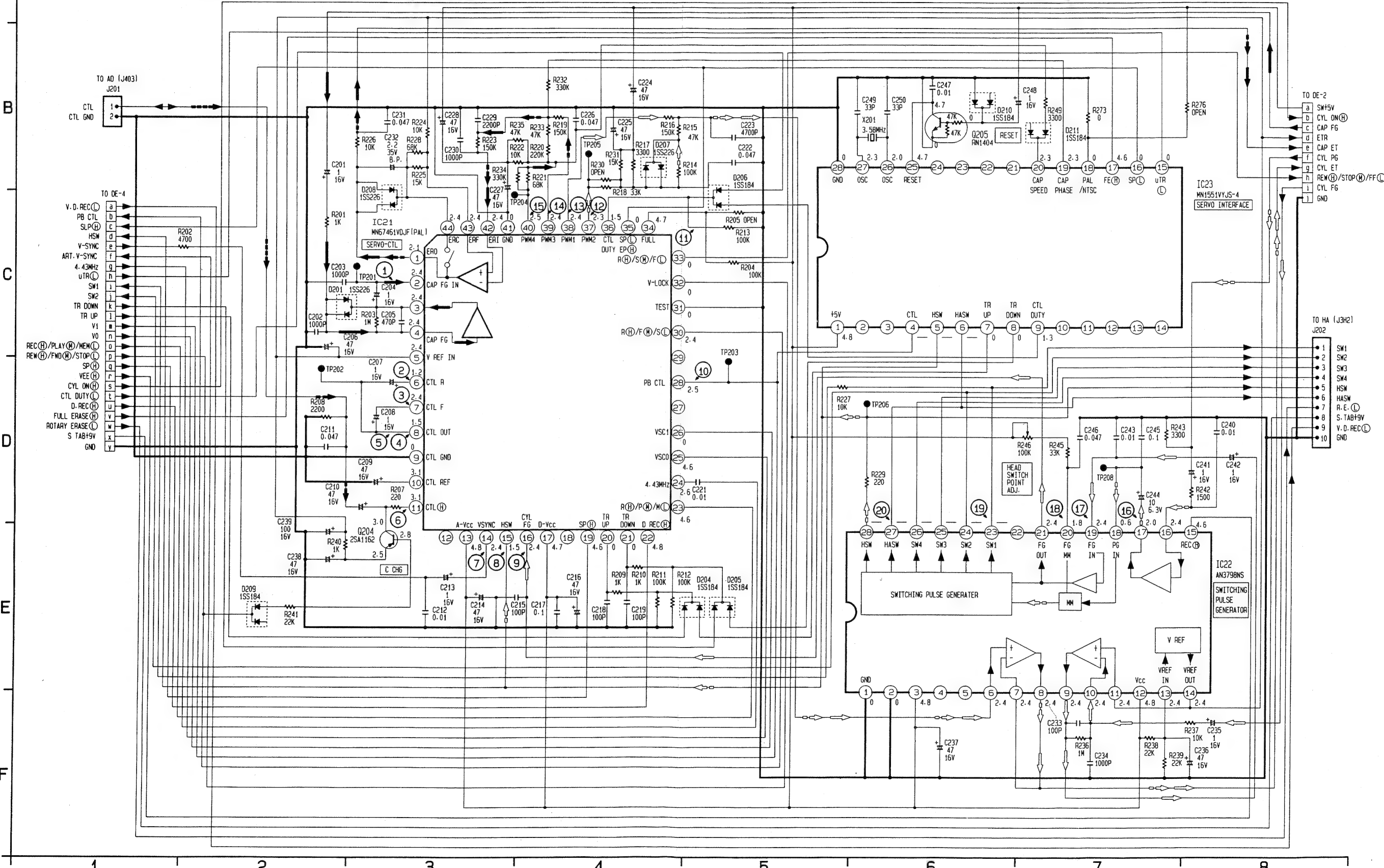
DIODE

D102 B1



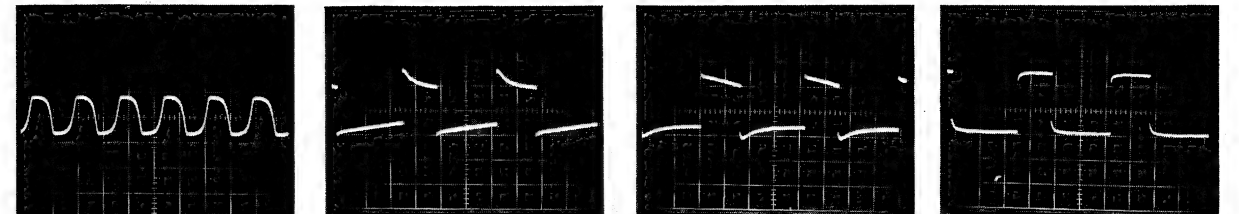
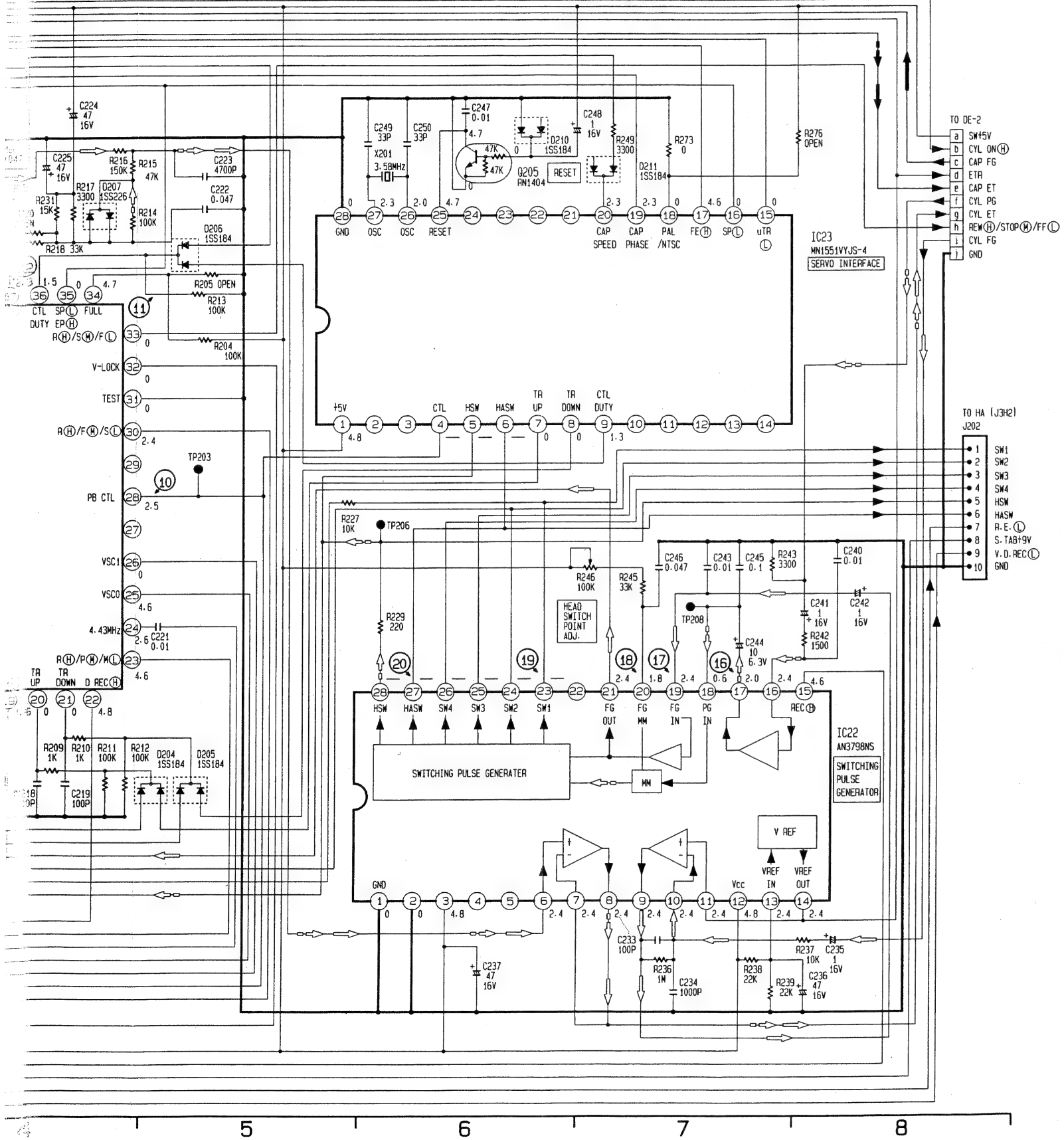
MODEL : PVR570 (PAL)
SCHEMATIC DIAGRAM (DE-1) (SERVO BLOCK)

← CYLYNDER SPEED ← CAPSTAN SPEED ← □□□ CYLYNDER PHASE ← ■■■ CAPSTAN PHASE

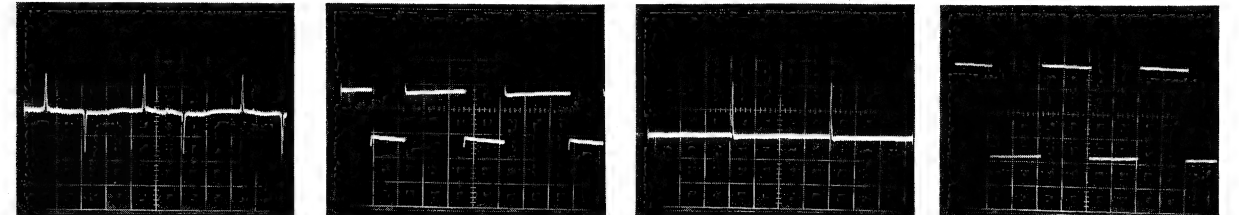


- IC's**
IC21 C3
IC22 E8
IC23 B8
- TRANSISTOR**
Q204 E3
Q205 B6
- DIODES**
D201 C2
D204 E5
D205 E5
D206 B5
D207 B4
D208 C3
D209 E2
D210 B6
D211 B7
- TEST POINTS**
TP201 C3
TP202 D2
TP203 C5
TP204 C3
TP205 B4
TP206 D6
TP208 D7

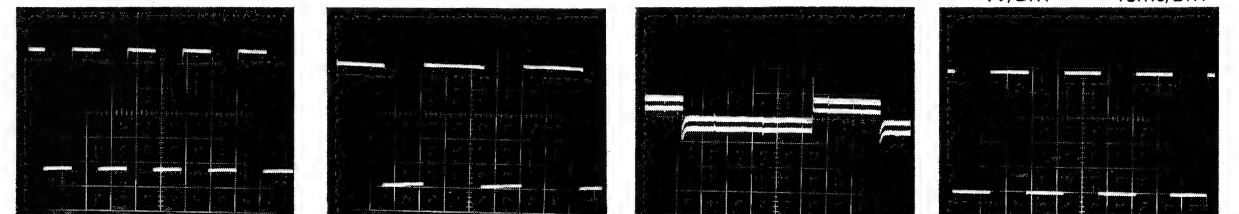
M (DE-1) (SERVO BLOCK) SPEED ← CYLYNDER PHASE ← CAPSTAN PHASE



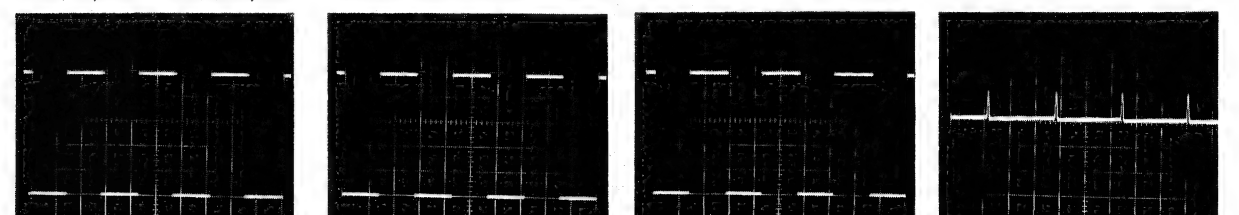
1 IC21 Pin 2 TP201 0.5V/Div. 0.5ms/Div. 2 IC21 Pin 6 REC SP 2V/Div. 10ms/Div. 3 IC21 Pin 7 REC SP 2V/Div. 10ms/Div. 4 IC21 Pin 8 REC SP 2V/Div. 10ms/Div.



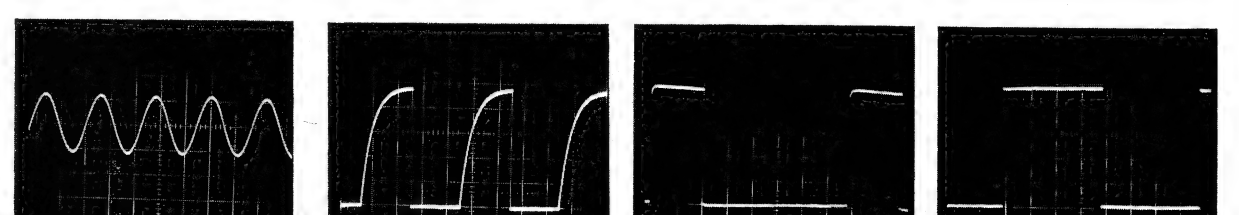
5 IC21 Pin 8 PB SP 2V/Div. 10ms/Div. 6 IC21 Pin 11 REC SP 2V/Div. 10ms/Div. 7 IC21 Pin 14 REC SP 0.5V/Div. 5ms/Div. 8 IC21 Pin 15 REC SP TP206 1V/Div. 10ms/Div.



9 IC21 Pin 16 REC SP IC22 Pin 21 1V/Div. 0.5ms/Div. 10 IC21 Pin 28 REC SP 1V/Div. 10ms/Div. 11 IC21 Pin 36 REC SP 0.2V/Div. 10ms/Div. 12 IC21 Pin 37 REC SP 1V/Div. 10μs/Div.



13 IC21 Pin 38 REC SP 1V/Div. 5μs/Div. 14 IC21 Pin 39 REC SP 1V/Div. 10μs/Div. 15 IC21 Pin 40 REC SP 1V/Div. 10μs/Div. 16 IC22 Pin 17 REC SP 0.5V/Div. 10ms/Div.

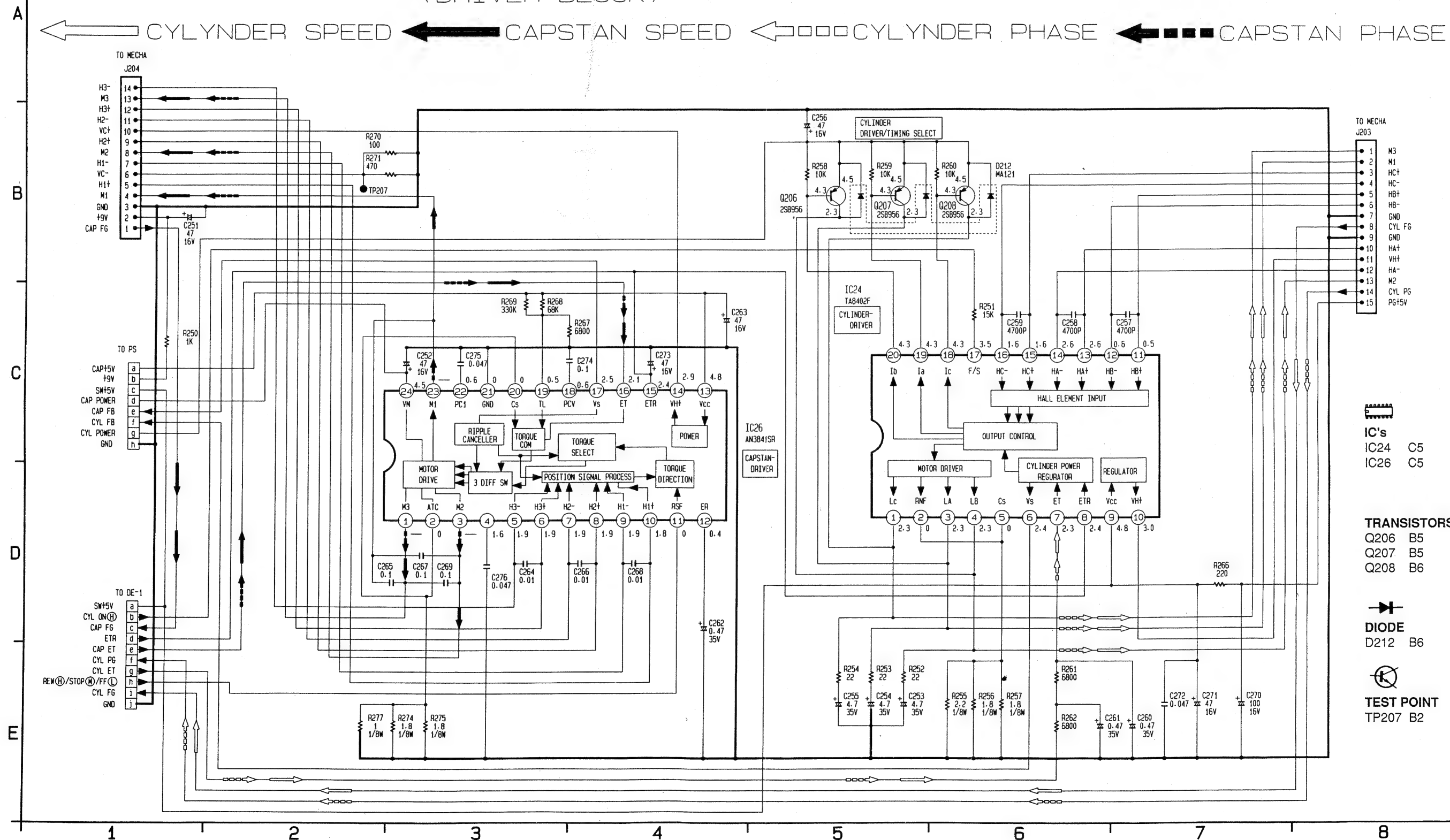


17 IC22 Pin 19 REC SP 0.5V/Div. 0.5ms/Div. 18 IC22 Pin 20 REC SP 1V/Div. 5ms/Div. 19 IC22 Pin 23 REC SP 1V/Div. 10ms/Div. 20 IC22 Pin 27 REC SP 1V/Div. 10ms/Div.

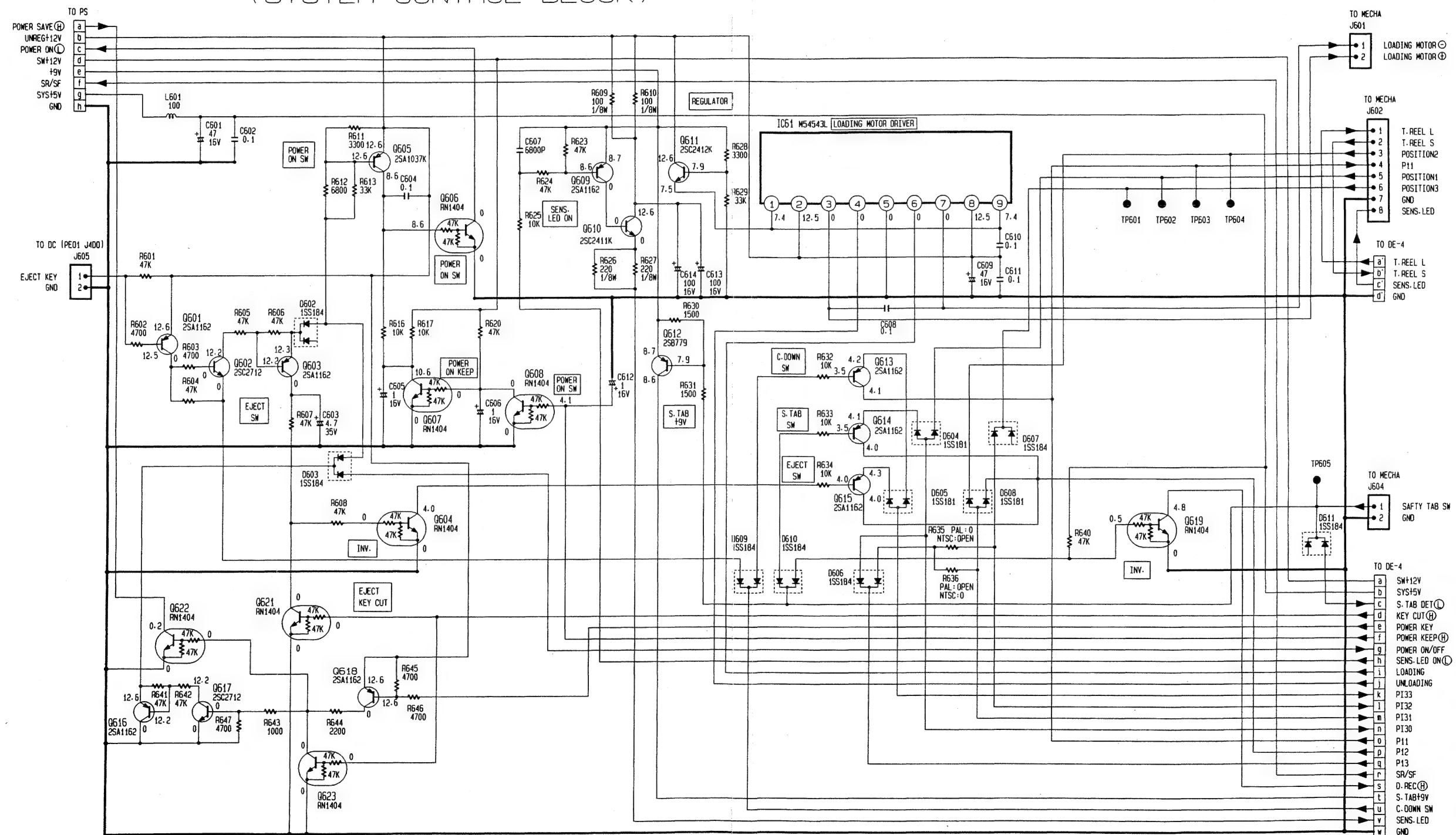
- IC's**
IC21 C3
IC22 E8
IC23 B8
- TRANSISTORS**
Q204 E3
Q205 B6
- DIODES**
D201 C2
D204 E5
D205 E5
D206 B5
D207 B4
D208 C3
D209 E2
D210 B6
D211 B7

- TEST POINTS**
TP201 C3
TP202 D2
TP203 C5
TP204 C3
TP205 B4
TP206 D6
TP208 D7

MODEL: PVR570 (PAL)
 SCHEMATIC DIAGRAM (DE-2)
 (DRIVER BLOCK)



MODEL: PVR570 (PAL)
 SCHEMATIC DIAGRAM (DE-3)
 (SYSTEM CONTROL BLOCK)

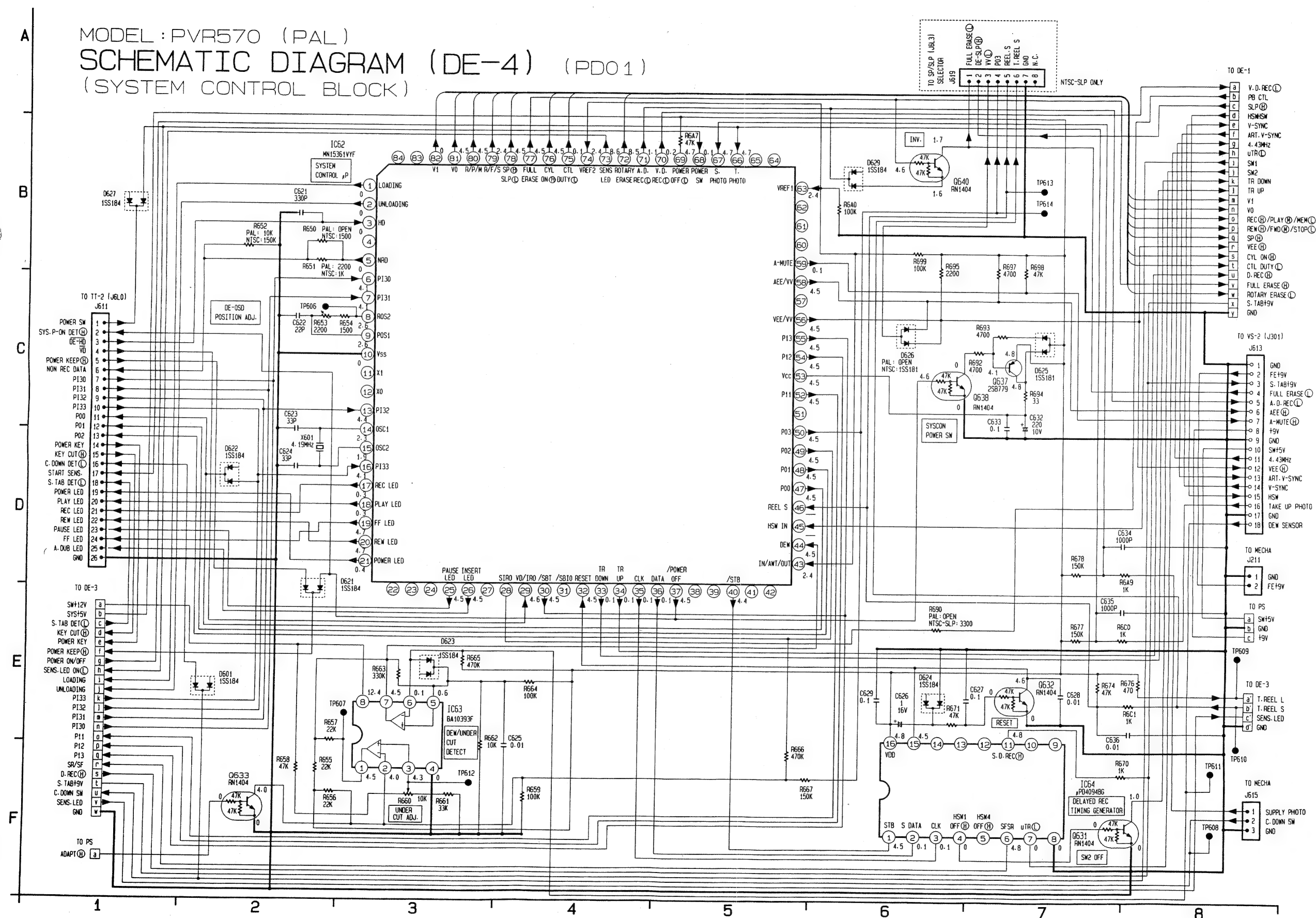


| IC | |
|-------------|----|
| IC61 | A5 |
| TRANSISTORS | |
| Q601 | B2 |
| Q602 | B2 |
| Q603 | B2 |
| Q604 | C3 |
| Q605 | A3 |
| Q606 | B3 |
| Q607 | C3 |
| Q608 | C3 |
| Q609 | B4 |
| Q610 | B4 |
| Q611 | A4 |
| Q612 | B4 |
| Q613 | C5 |
| Q614 | C5 |
| Q615 | C5 |
| Q616 | D1 |
| Q617 | D2 |
| Q618 | D2 |
| Q619 | C7 |
| Q621 | D2 |
| Q622 | D2 |
| Q623 | E2 |

| DIODES | |
|--------|----|
| D602 | B2 |
| D603 | C2 |
| D604 | C6 |
| D605 | C6 |
| D606 | D5 |
| D607 | C6 |
| D608 | C6 |
| D609 | C5 |
| D610 | C5 |
| D611 | C8 |

| TEST POINTS | |
|-------------|----|
| TP601 | B7 |
| TP602 | B7 |
| TP603 | B7 |
| TP604 | B7 |
| TP605 | C8 |

MODEL: PVR570 (PAL)
 SCHEMATIC DIAGRAM (DE-4) (PDO1)
 (SYSTEM CONTROL BLOCK)



IC's

IC62 B2

IC63 E3

IC64 F7



TRANSISTORS

Q631 F7

Q632 E7

Q633 F2

Q637 C7

Q638 C7

Q640 B6



DIODES

D601 E2

D621 D3

D622 D2

D623 E3

D624 E6

D625 C7

D626 C6

D627 B1

D629 B6

TEST POINTS

TP606 C2

TP607 E3

TP608 F8

TP609 E8

TP610 F8

TP611 F8

TP612 F3

TP613 B7

TP614 B7

A vertical scale with six horizontal tick marks. The marks are labeled A, B, C, D, E, and F from top to bottom.



IC's

Q1A0 E2

—

| | |
|------|----|
| D1A0 | F2 |
| D1A1 | F3 |
| D1A2 | B3 |
| D1A3 | F2 |
| D1A4 | E2 |
| D6K1 | C3 |
| D6K2 | C3 |
| D6K3 | C3 |
| D6K4 | C3 |
| D6K5 | C3 |
| D6K6 | E5 |
| D6K7 | E5 |
| D6K9 | B2 |
| D6L0 | B4 |
| D6L1 | B4 |
| D6L3 | C2 |
| D6L6 | C2 |
| D6L7 | C2 |
| D6L8 | C2 |
| D6M0 | C4 |
| D6M1 | B4 |
| D6M2 | B4 |
| D6M3 | D5 |
| D6M4 | B4 |
| D6M5 | D4 |
| D713 | A4 |
| D714 | A4 |
| D715 | F5 |
| D716 | F5 |
| D717 | E4 |
| D720 | B6 |
| D721 | B5 |

| | |
|------|----|
| D1A0 | F2 |
| D1A1 | F3 |
| D1A2 | B3 |
| D1A3 | F2 |
| D1A4 | E2 |
| D6K1 | C3 |
| D6K2 | C3 |
| D6K3 | C3 |
| D6K4 | C3 |
| D6K5 | C3 |
| D6K6 | E5 |
| D6K7 | E5 |
| D6K9 | B2 |
| D6L0 | B4 |
| D6L1 | B4 |
| D6L3 | C2 |
| D6L6 | C2 |
| D6L7 | C2 |
| D6L8 | C2 |
| D6M0 | C4 |
| D6M1 | B4 |
| D6M2 | B4 |
| D6M3 | D5 |
| D6M4 | B4 |
| D6M5 | D4 |
| D713 | A4 |
| D714 | A4 |
| D715 | F5 |
| D716 | F5 |
| D717 | E4 |
| D720 | B6 |
| D721 | B5 |



IC's
IC6K B3
IC6S E5



TRANSISTORS

Q6K0 B7
Q6K1 B7
Q6K2 C7
Q6K3 C7
Q6K4 C7
Q6K5 C7
Q6K6 D7
Q6K7 D7
Q6K8 D7
Q6M1 E4
Q6M2 E4
Q6M3 B2



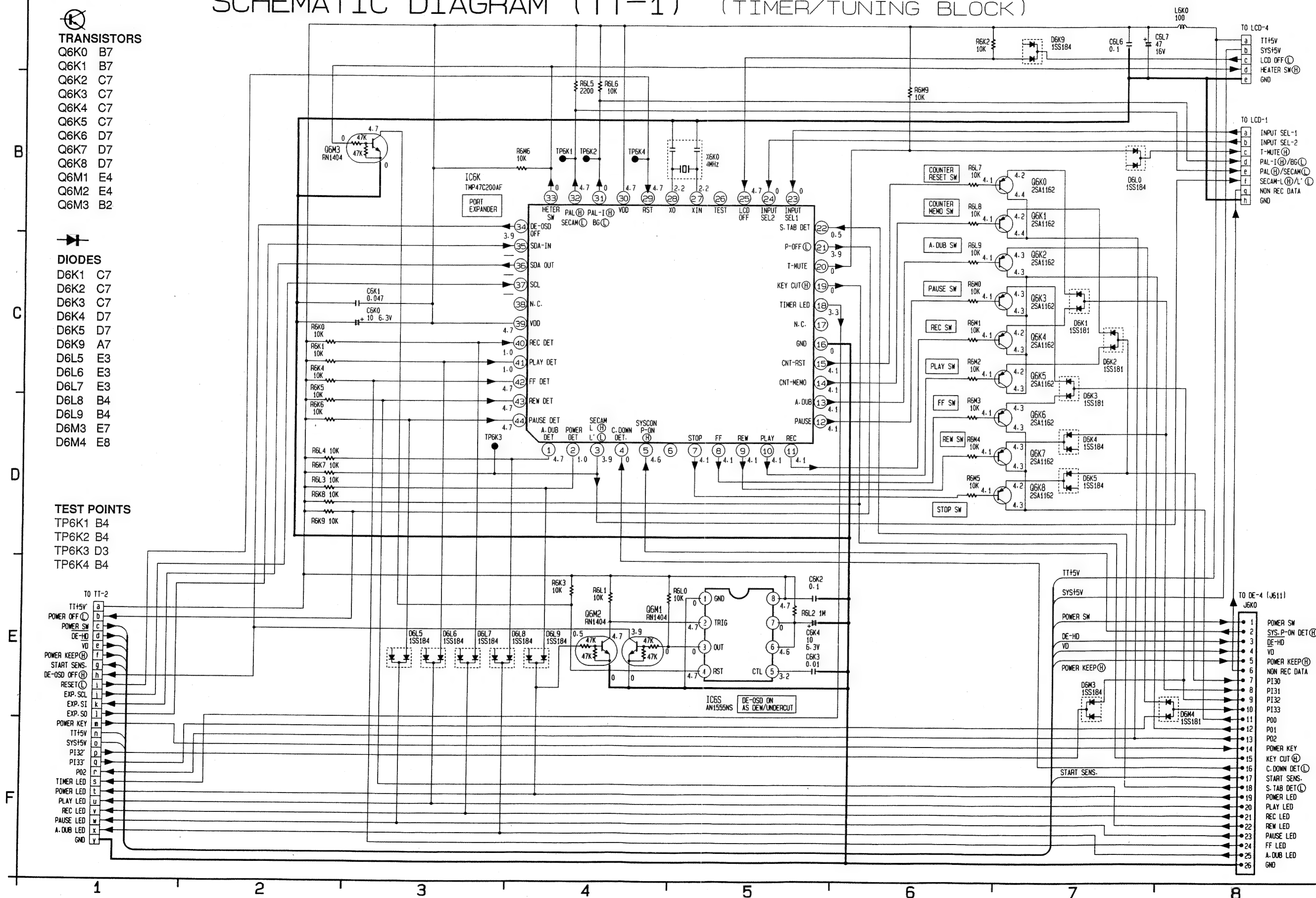
DIODES

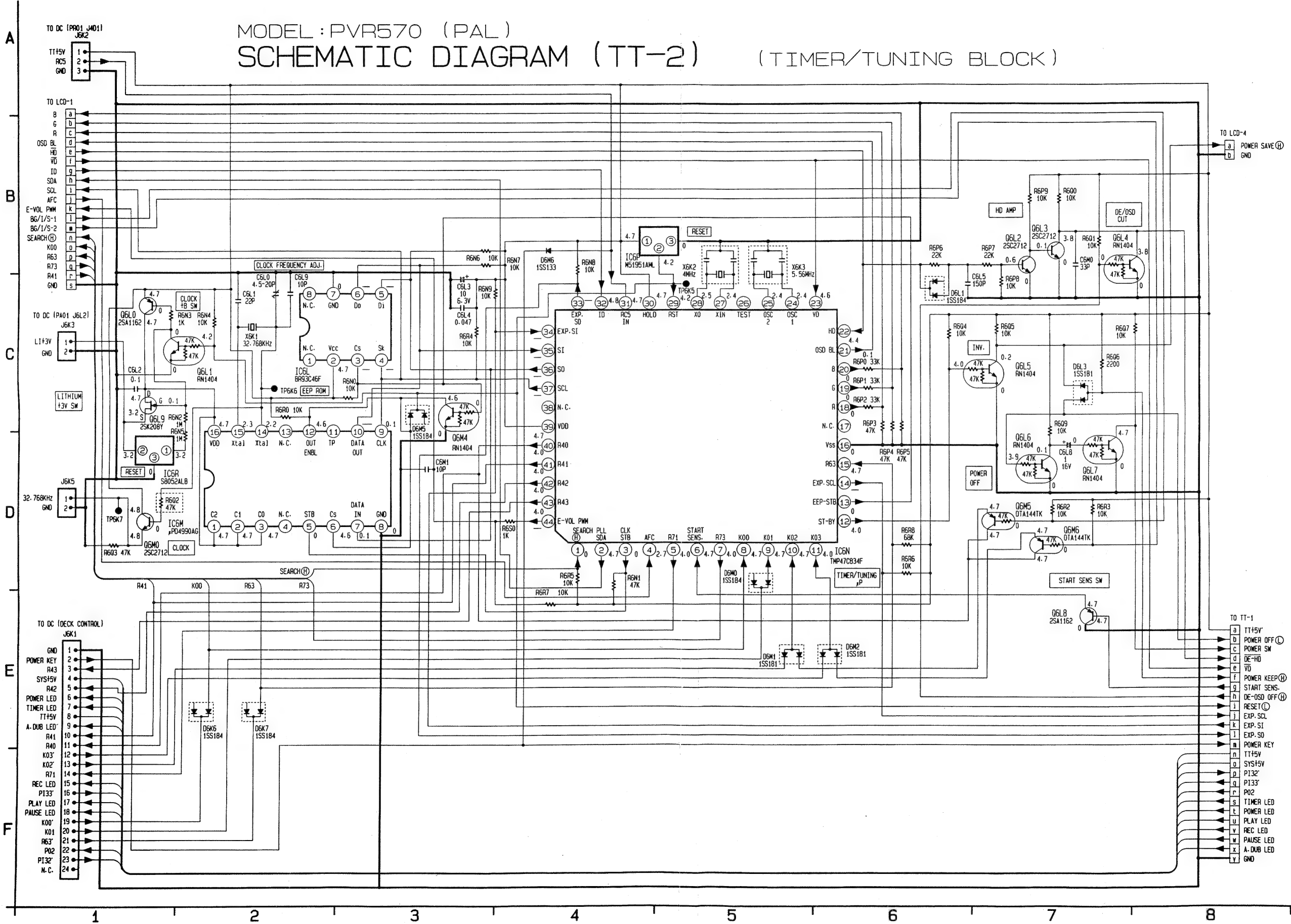
D6K1 C7
D6K2 C7
D6K3 C7
D6K4 D7
D6K5 D7
D6K9 A7
D6L5 E3
D6L6 E3
D6L7 E3
D6L8 B4
D6L9 B4
D6M3 E7
D6M4 E8

TEST POINTS

TP6K1 B4
TP6K2 B4
TP6K3 D3
TP6K4 B4

MODEL: PVR570 (PAL) SCHEMATIC DIAGRAM (TT-1) (TIMER/TUNING BLOCK)





MODEL : PVR570 (PAL)
SCHEMATIC DIAGRAM (TT-2) (TIMER/TUNING BLOCK)

- IC's**
- IC6L C2
 - IC6M D2
 - IC6N D6
 - IC6P B4
 - IC6R D1

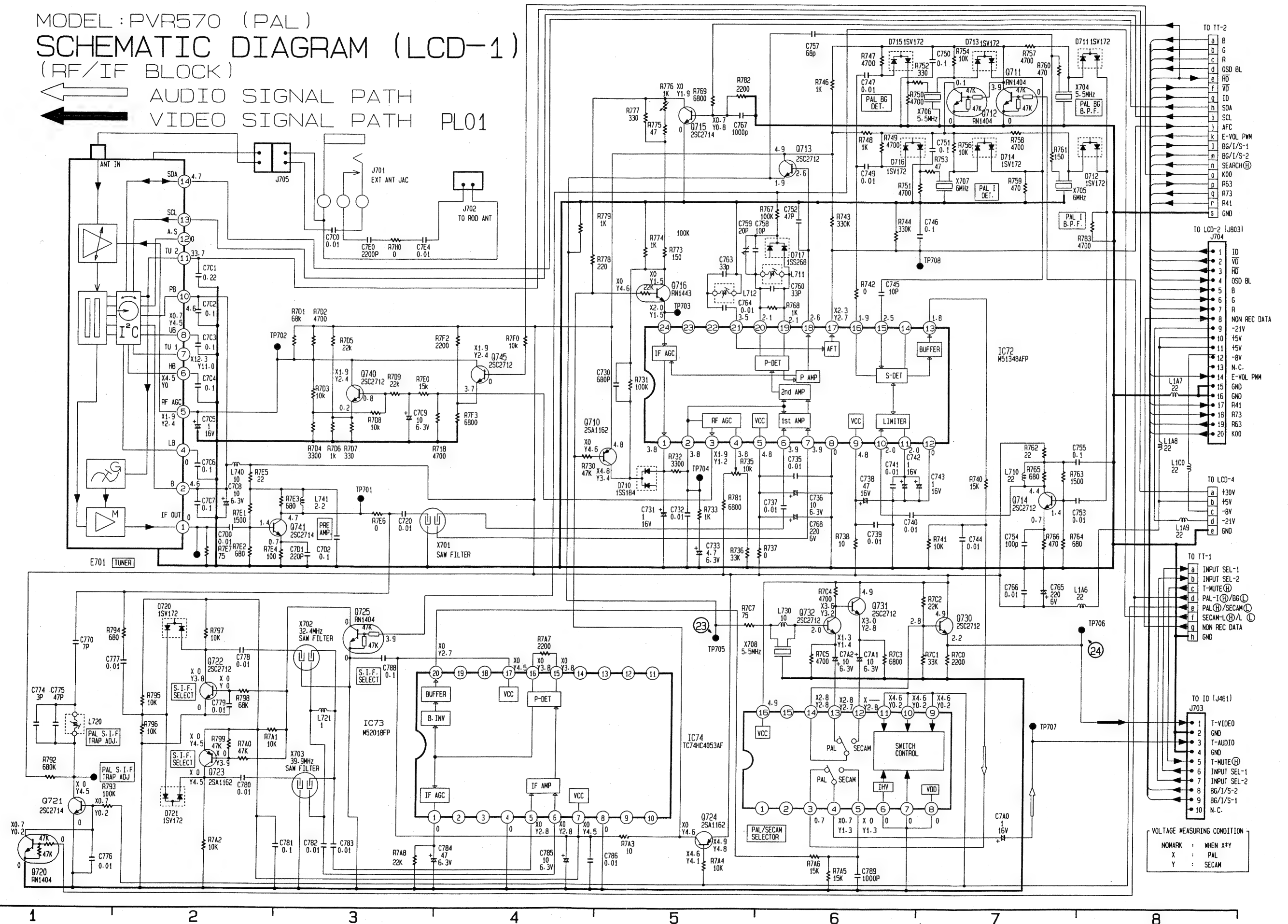
- TRANSISTORS**
- Q6L0 C1
 - Q6L1 C2
 - Q6L2 B7
 - Q6L3 B7
 - Q6L4 B7
 - Q6L5 C7
 - Q6L6 D7
 - Q6L7 D7
 - Q6L8 E7
 - Q6L9 C1
 - Q6M0 D1
 - Q6M4 D3
 - Q6M5 D7
 - Q6M6 D7

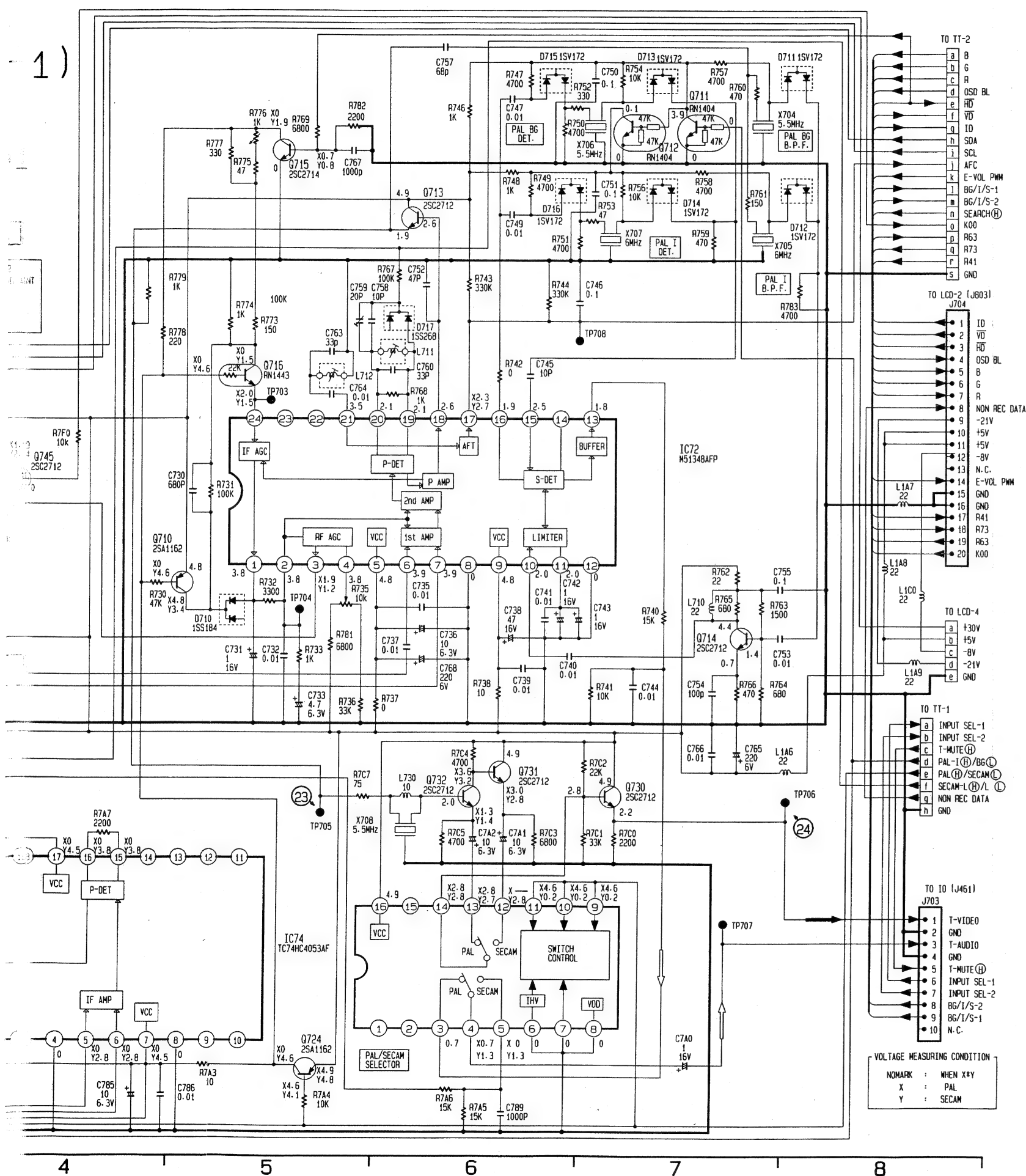
- DIODES**
- D6L1 C6
 - D6L3 C7
 - D6M0 D5
 - D6M1 E5
 - D6M2 E6
 - D6M5 C3
 - D6M6 B4
 - D6K6 E2
 - D6K7 E2

- TEST POINTS**
- TP6K5 C5
 - TP6K6 C2
 - TP6K7 D1

MODEL: PVR570 (PAL)
SCHEMATIC DIAGRAM (LCD-1)
(RF/IF BLOCK)

AUDIO SIGNAL PATH
VIDEO SIGNAL PATH PL01





IC's
 IC72 C7
 IC73 E3
 IC74 E5



TRANSISTORS

Q710 D4
 Q711 A7
 Q712 B7
 Q713 B6
 Q714 D7
 Q715 B5
 Q716 C5
 Q720 F1
 Q721 F1
 Q722 E2
 Q723 F2
 Q724 F5
 Q725 E3
 Q730 E7
 Q731 E6
 Q732 E6
 Q740 C3
 Q741 D3
 Q745 C4

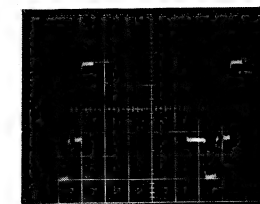


DIODES

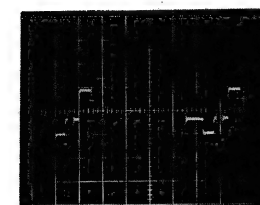
D710 D5
 D711 A8
 D712 B8
 D713 A7
 D714 B7
 D715 A6
 D716 B6
 D717 B6
 D720 E2
 D721 F2

TEST POINTS

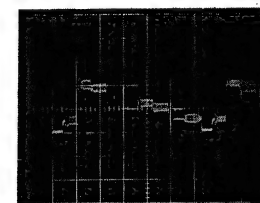
TP701 D3
 TP702 C2
 TP703 C5
 TP704 D5
 TP705 E5
 TP706 E8
 TP707 E7
 TP708 B6



TP701
 200mV/Div. 10μs/Div.

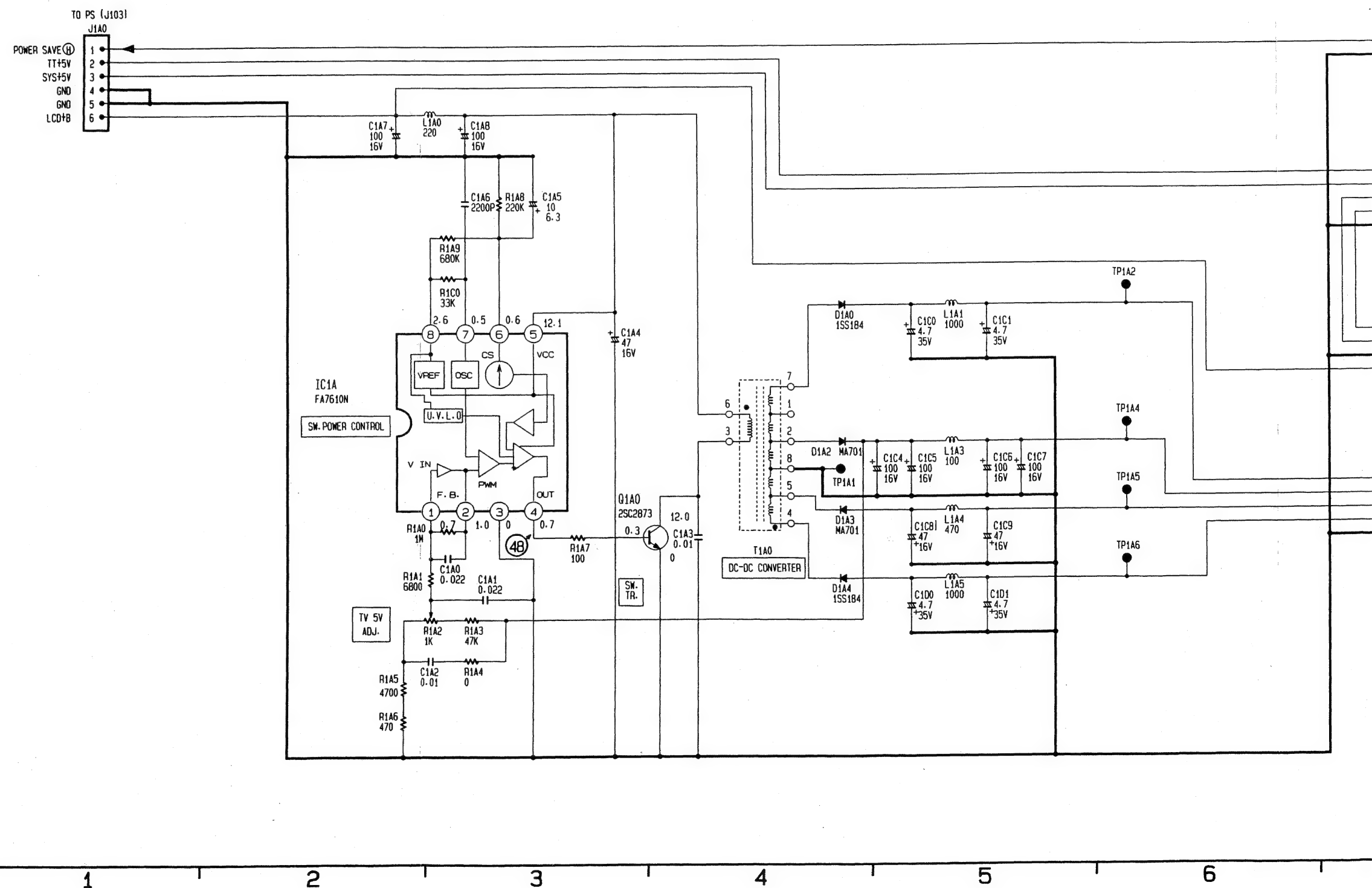


T-Video Out PAL
 500mV/Div. 10μs/Div.

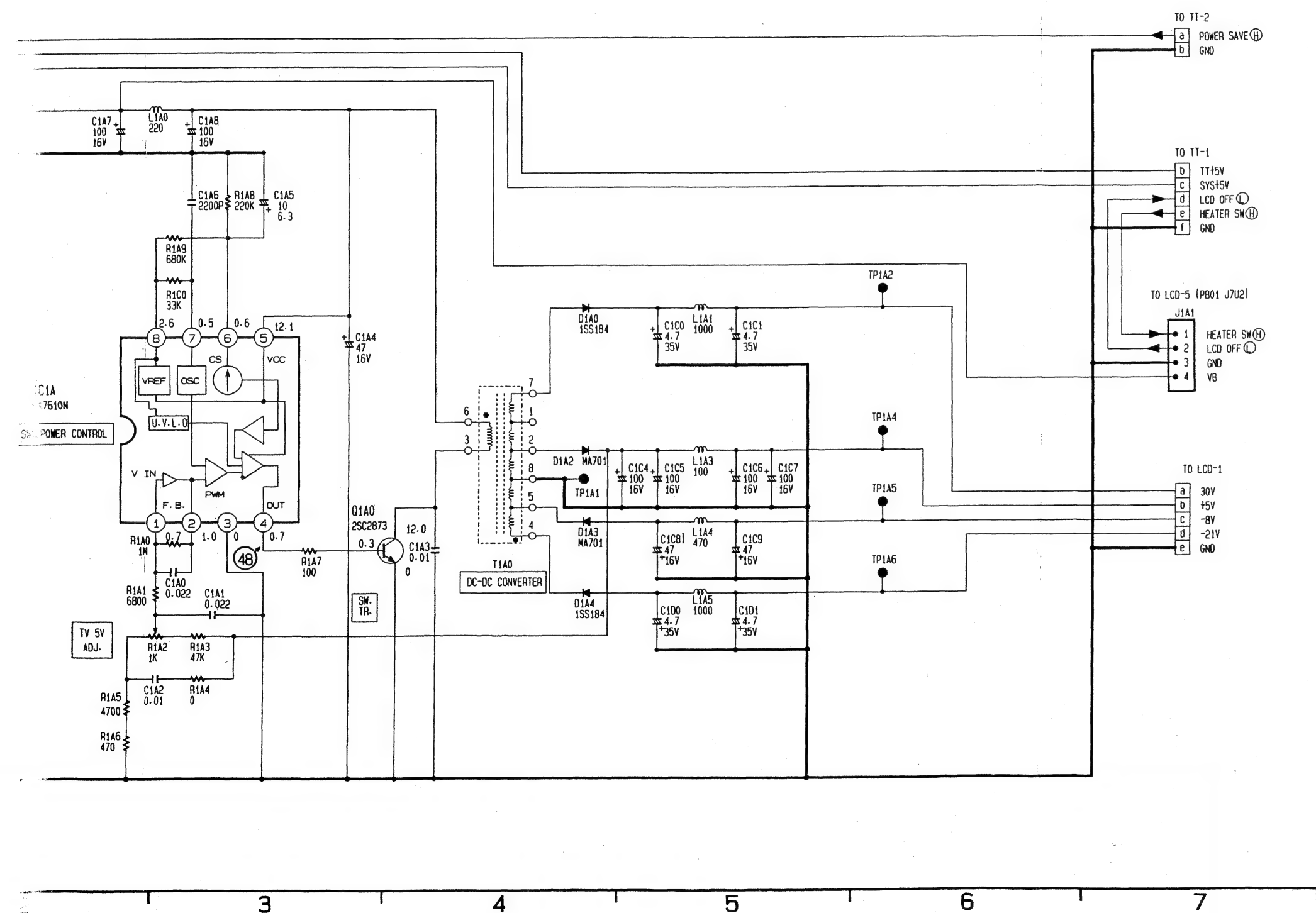


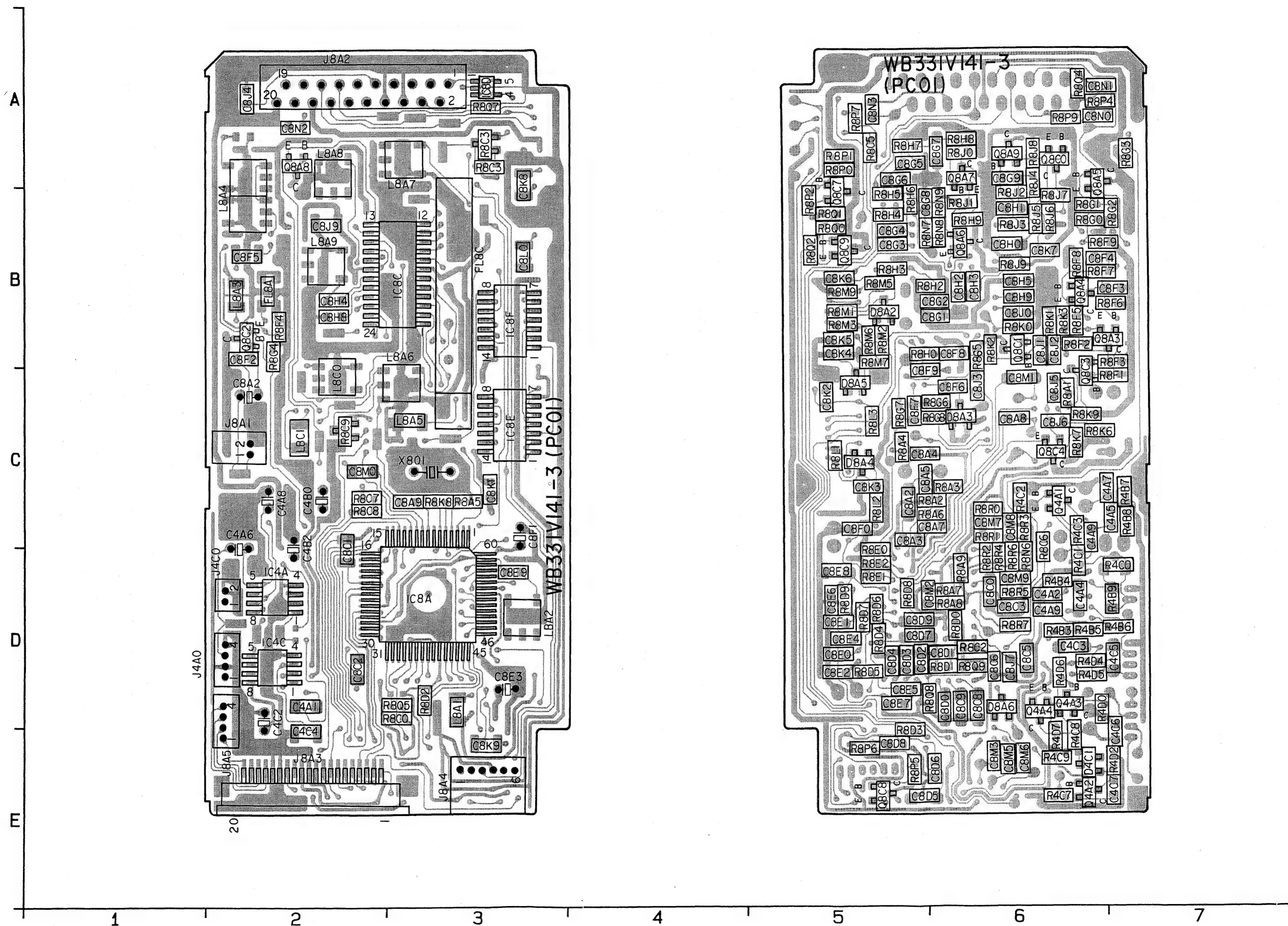
T-Video Out SECAM
 500mV/Div. 10μs/Div.

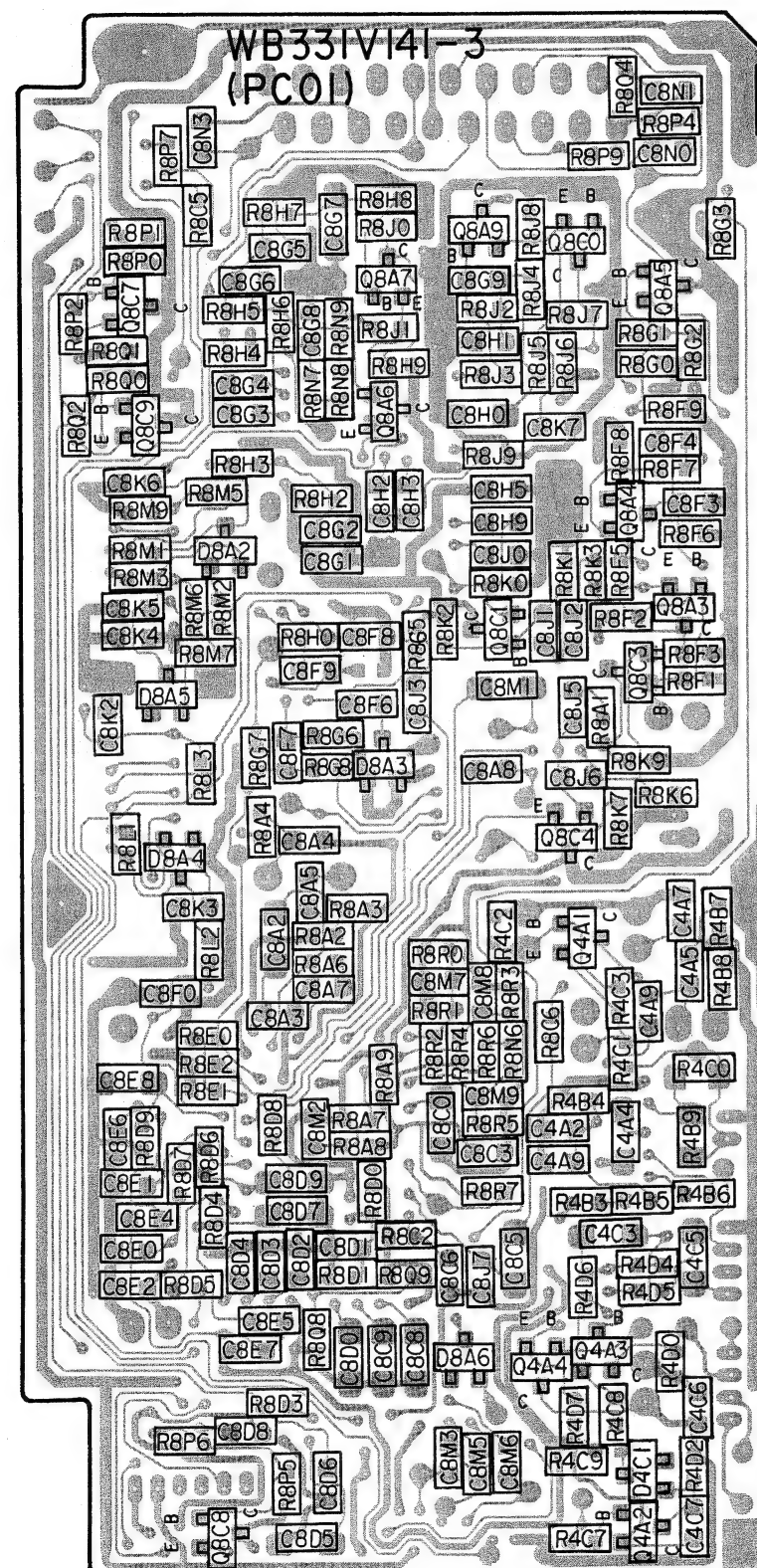
A vertical scale with five points labeled A, B, C, D, and E from top to bottom. Each label is positioned to the left of a horizontal tick mark on a vertical line.



PVR570 (PAL) MATIC DIAGRAM (LCD-4) F/CHROMA POWER SUPPLY BLOCK)







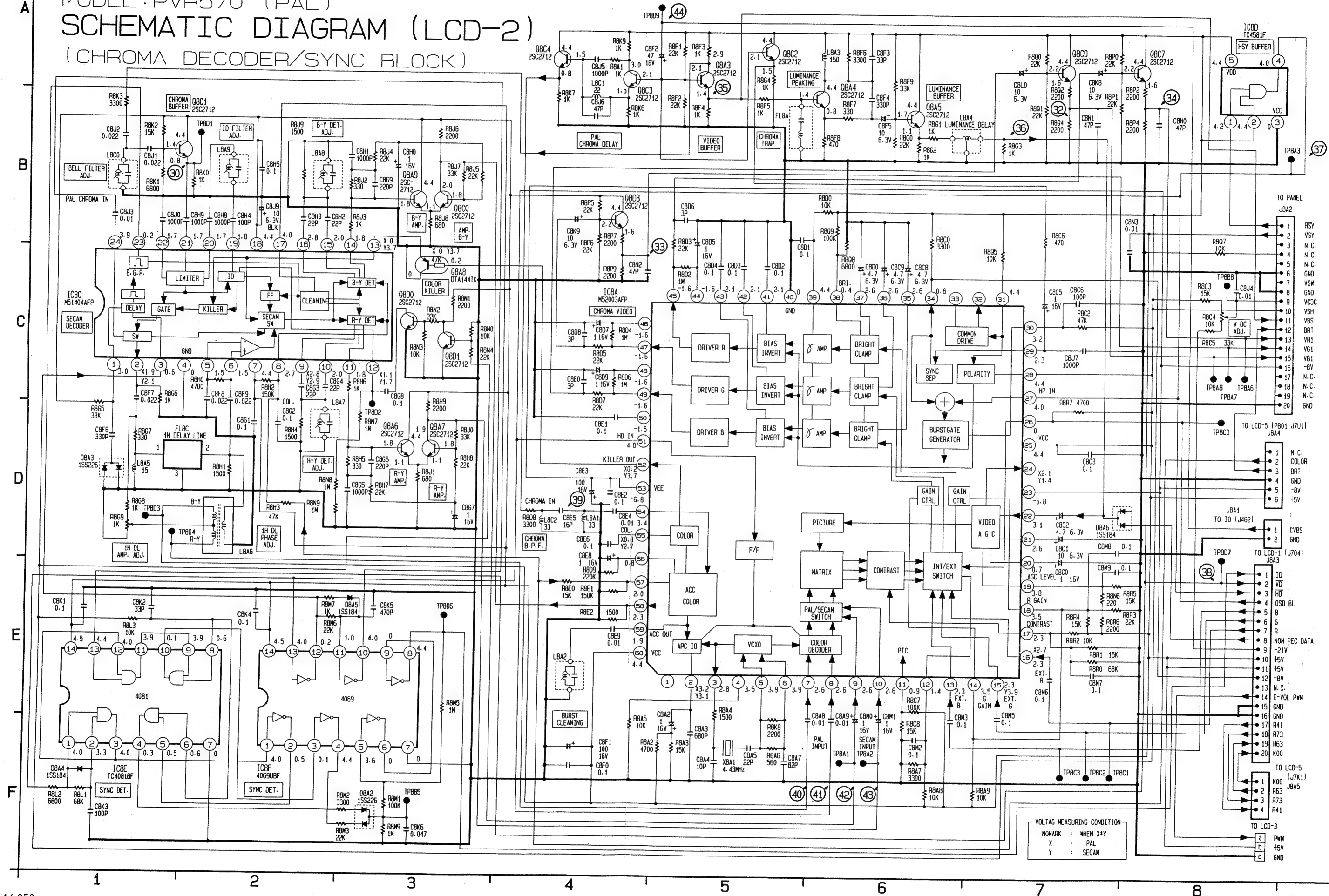
| | |
|------|----|
| IC's | |
| IC4A | D2 |
| IC4C | D2 |
| IC8A | D3 |
| IC8C | B3 |
| IC8D | A3 |
| IC8E | C3 |
| IC8F | B3 |

TRANSISTORS

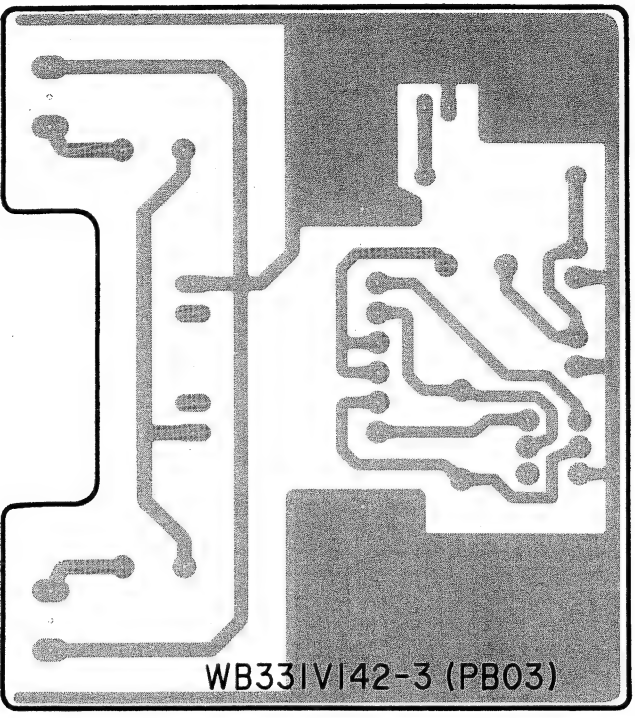
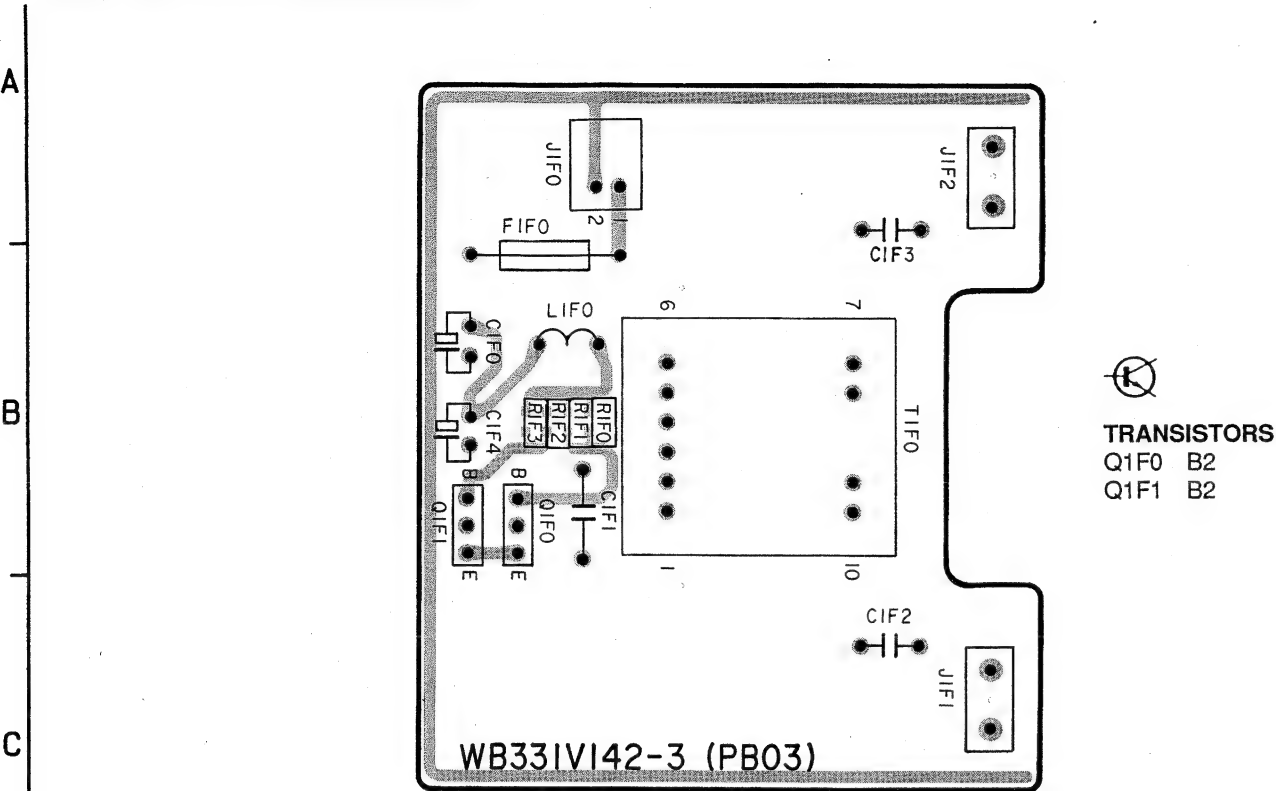
| | |
|------|----|
| Q4A1 | C6 |
| Q4A2 | E6 |
| Q4A3 | D6 |
| Q4A4 | D6 |
| Q8A3 | B6 |
| Q8A4 | B6 |
| Q8A5 | B6 |
| Q8A6 | B6 |
| Q8A7 | A6 |
| Q8A8 | A2 |
| Q8A9 | A6 |
| Q8C0 | A6 |
| Q8C1 | B6 |
| Q8C2 | B2 |
| Q8C3 | C6 |
| Q8C4 | C6 |
| Q8C7 | B5 |
| Q8C8 | E5 |
| Q8C9 | B5 |

DIODES
D4C1 E6
D8A2 B5
D8A3 C6
D8A4 C5
D8A5 C5
D8A6 D6

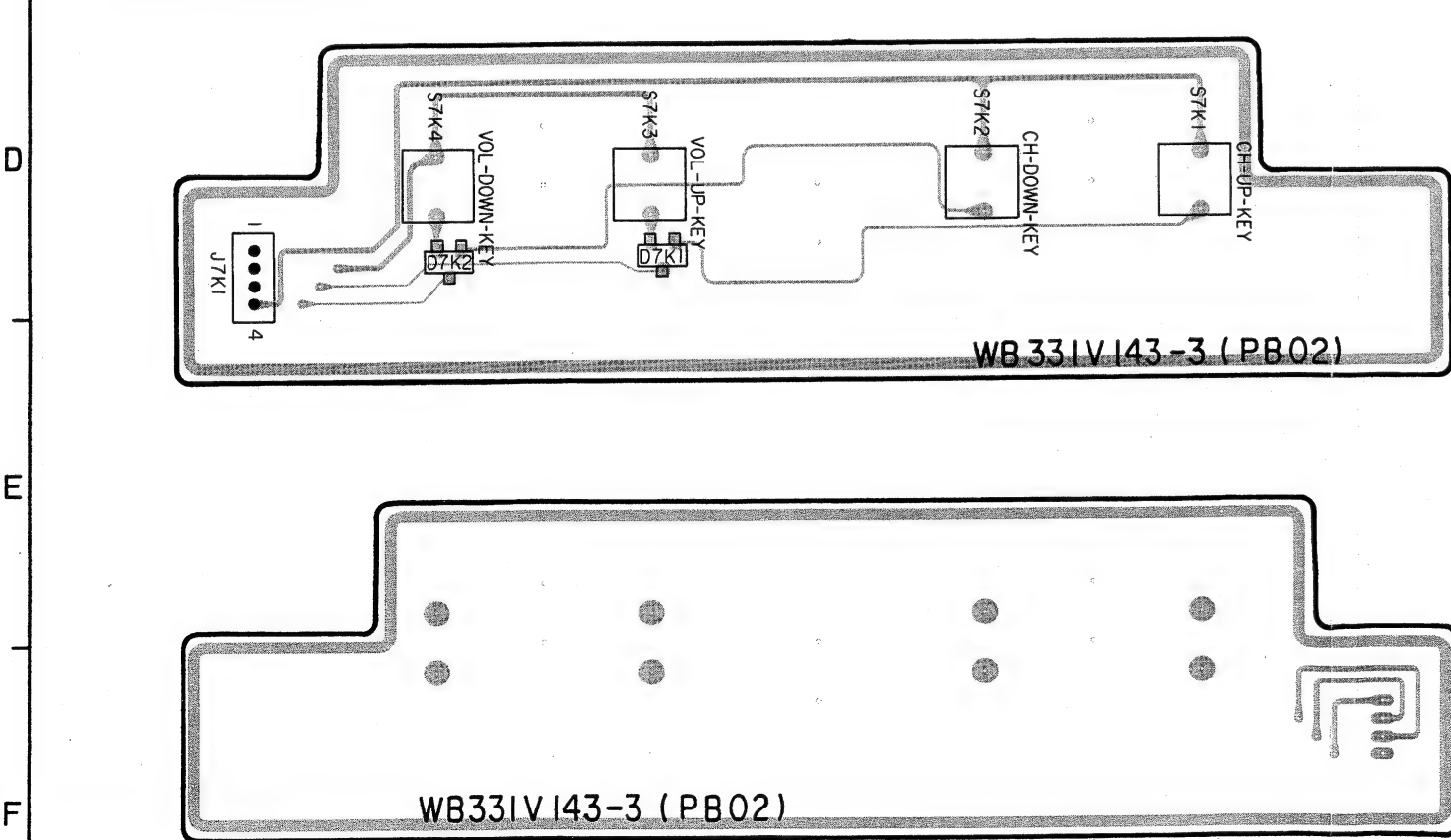
MODEL: PVR570 (PAL)
SCHEMATIC DIAGRAM (LCD-2)
 (CHROMA DECODER/SYNC BLOCK)



BACK LIGHT P. C. B DRAWING PB03

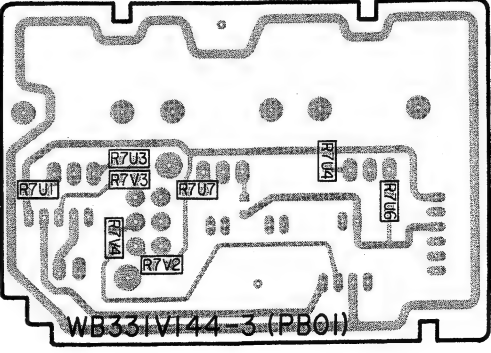
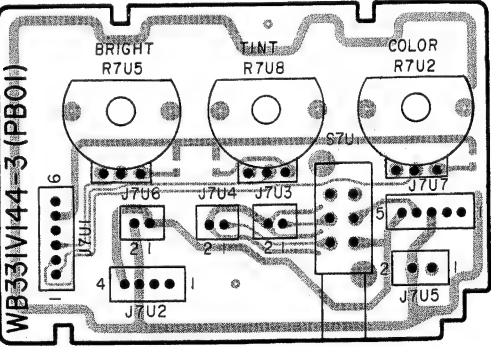


CH+/-, VOL+/- P. C. B DRAWING PB02

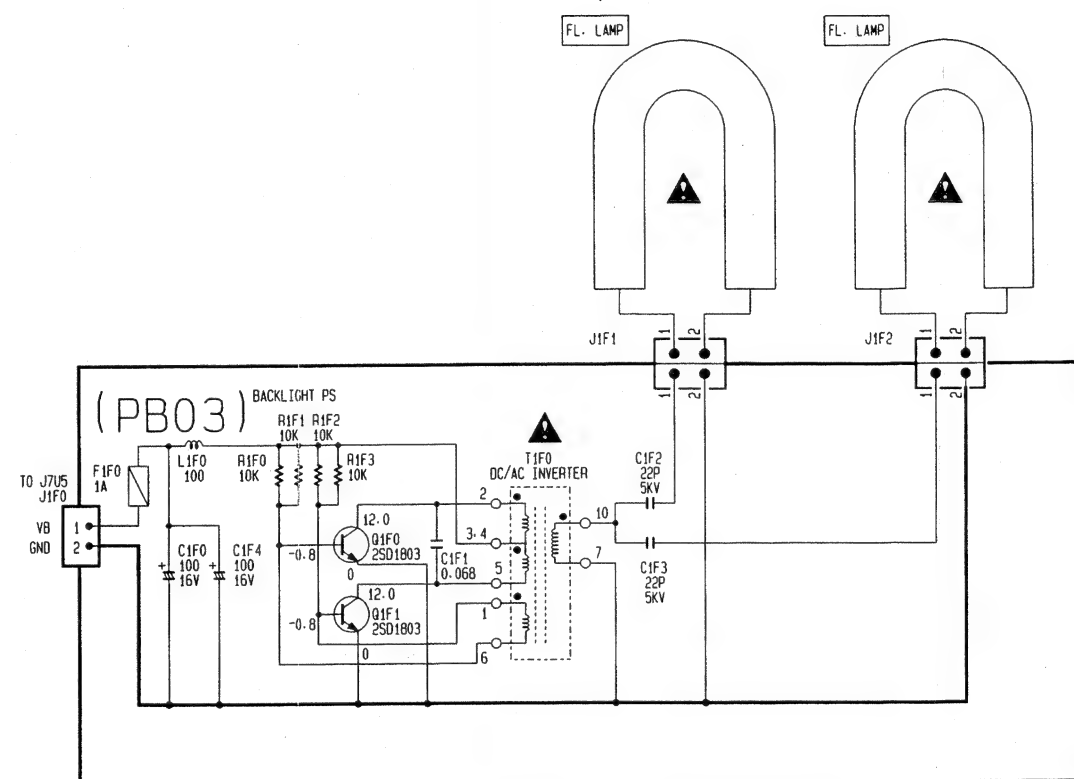
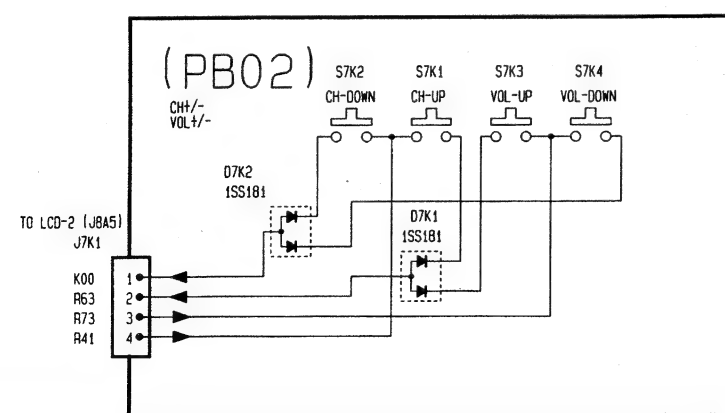
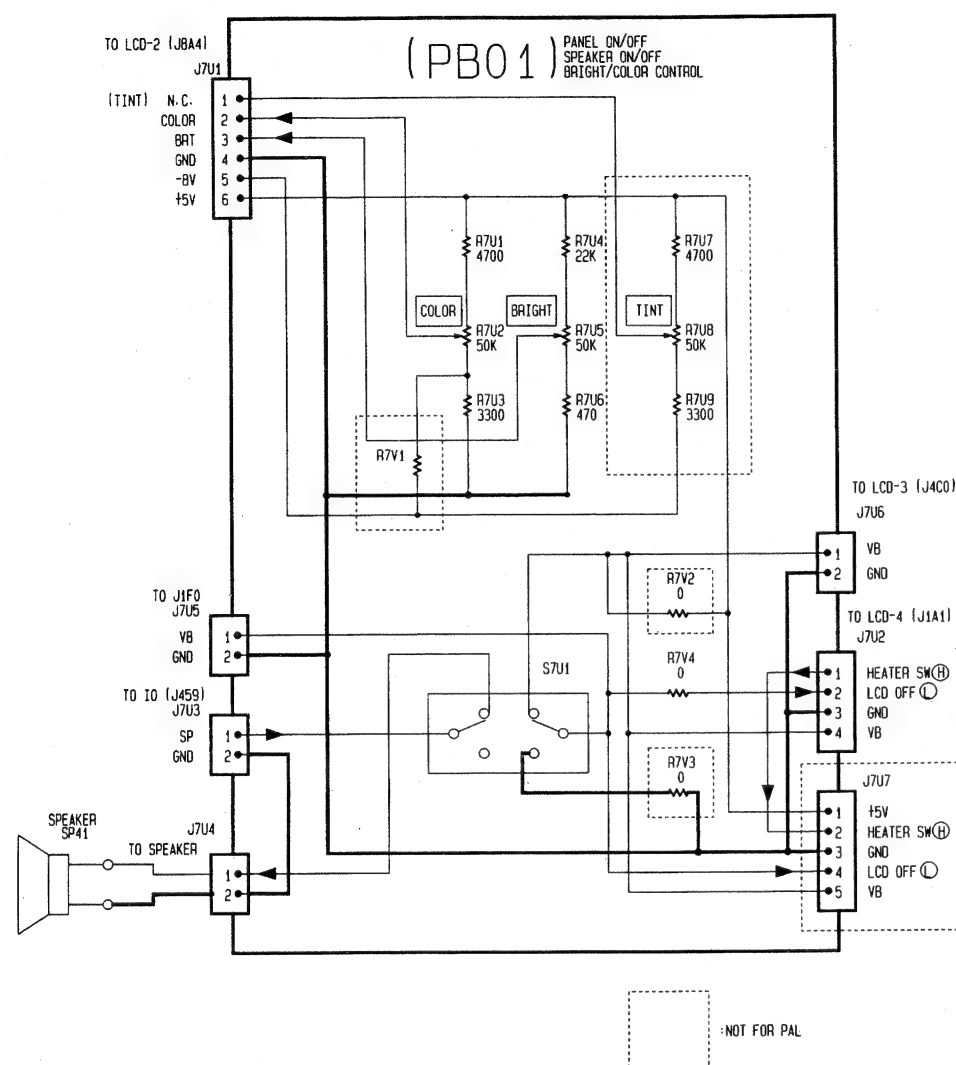


PANEL ON/OFF, SPEAKER ON/OFF, BRIGHT/COLOR CONTROL P. C. B DRAWING PB01

DIODES
D7K1 D2
D7K2 D2



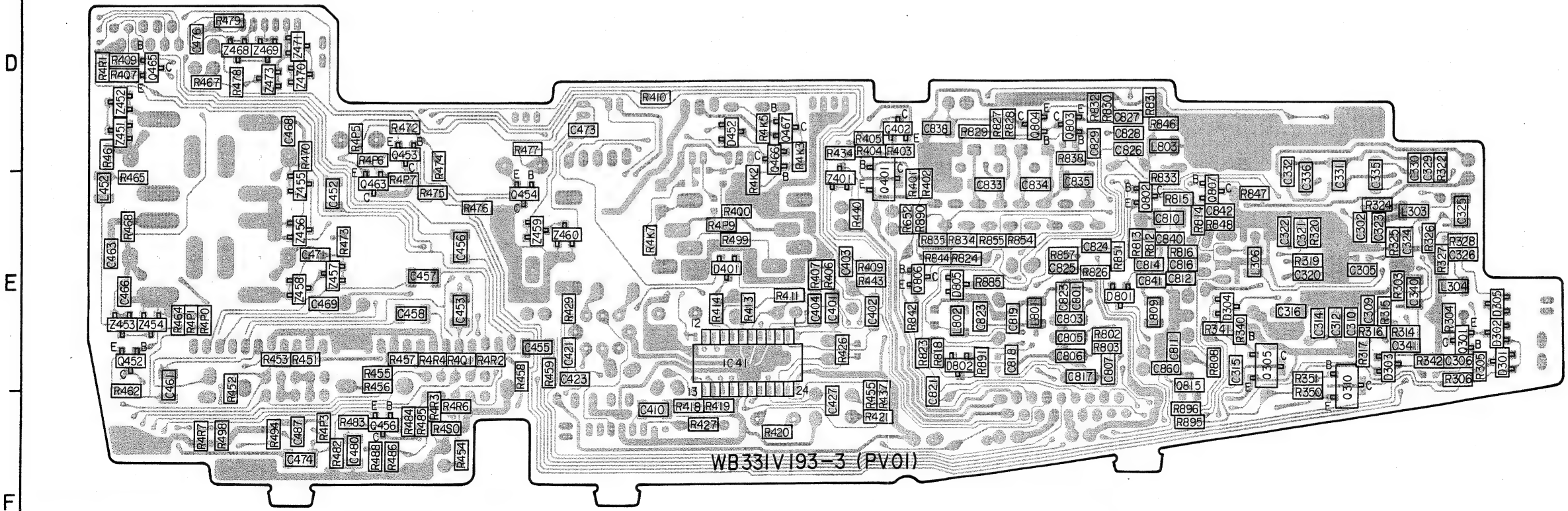
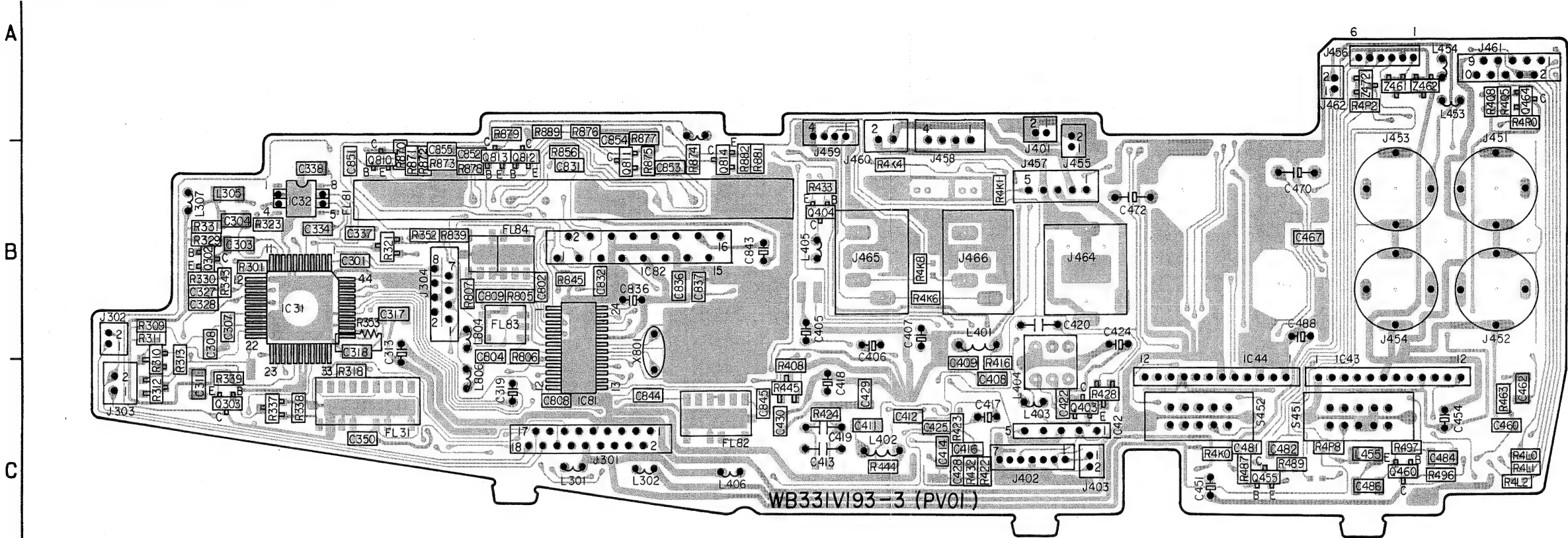
MODEL : PVR570 (PAL)
SCHEMATIC DIAGRAM (LCD-5) (BACK LIGHT/CONTROL BLOCK)



TRANSISTORS
Q1F0 D5
Q1F1 D5

DIODES
D7K1 E2
D7K2 E2

LUMINANCE/CHROMINANCE/AUDIO, VIDEO
SELECTOR/AUDIO P. C. B DRAWING PV01



IC's

| | |
|------|----|
| IC31 | B2 |
| IC32 | B2 |
| IC41 | E4 |
| IC42 | C5 |
| IC43 | C6 |
| IC44 | C6 |
| IC81 | C3 |
| IC82 | B3 |



TRANSISTORS

| | |
|------|----|
| Q301 | E7 |
| Q303 | C1 |
| Q305 | E6 |
| Q310 | E6 |
| Q401 | E4 |
| Q402 | D4 |
| Q403 | C5 |
| Q404 | B4 |
| Q452 | E1 |
| Q453 | D2 |
| Q454 | E3 |
| Q455 | C6 |
| Q456 | F2 |
| Q460 | C7 |
| Q463 | E2 |
| Q465 | D1 |
| Q466 | D4 |
| Q467 | D4 |
| Q802 | E6 |
| Q803 | D5 |
| Q804 | D5 |
| Q806 | E5 |
| Q807 | E6 |
| Q810 | B2 |
| Q811 | B3 |
| Q812 | B3 |
| Q813 | B3 |
| Q814 | B4 |
| Q815 | E6 |

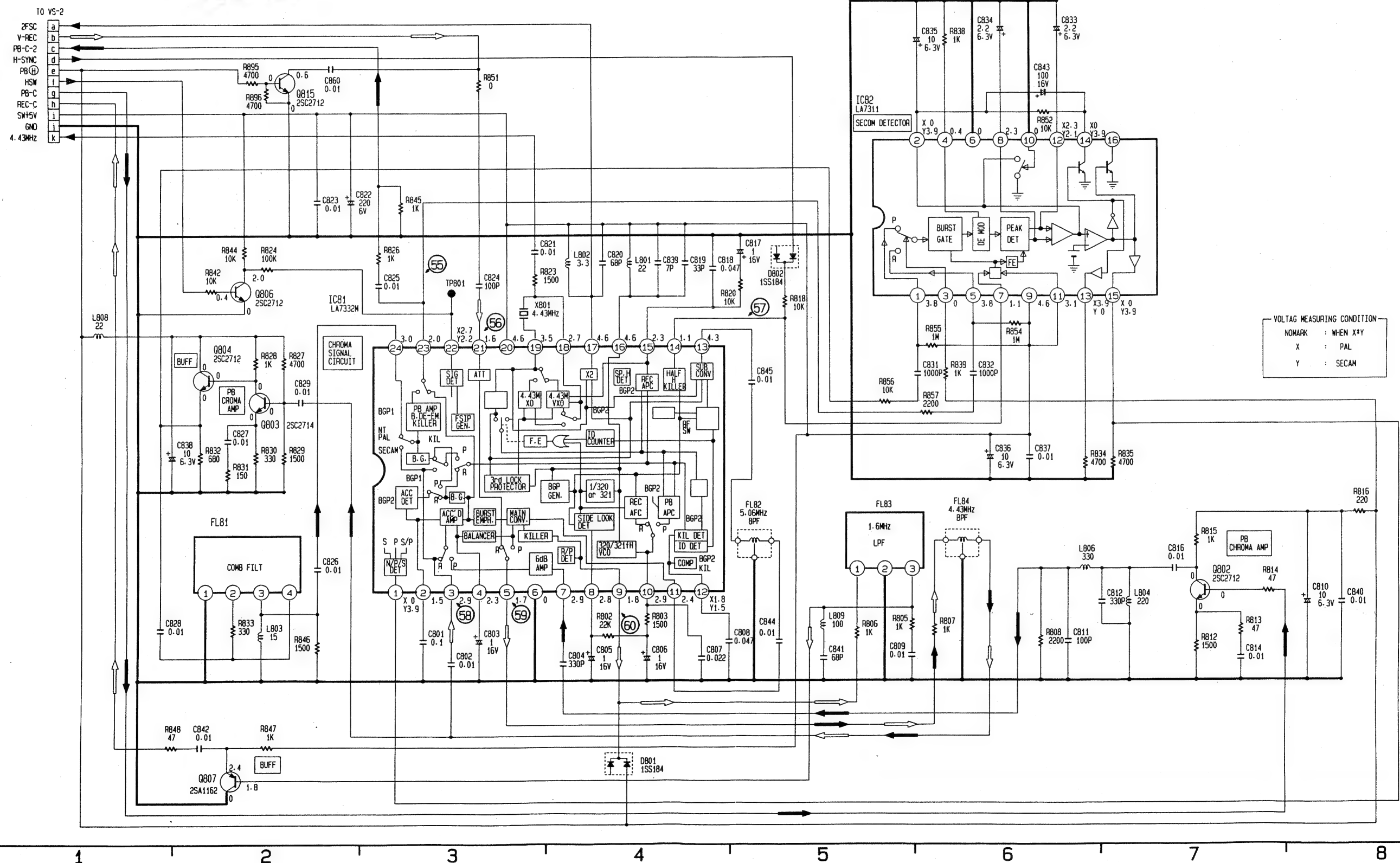


DIODES

| | |
|------|----|
| D301 | E7 |
| D302 | E7 |
| D303 | E7 |
| D305 | E7 |
| D401 | E4 |
| D452 | D4 |
| D801 | E5 |
| D802 | E5 |
| D805 | E5 |
| Z451 | D1 |
| Z452 | D1 |
| Z453 | E1 |
| Z454 | E1 |
| Z455 | E2 |
| Z456 | E2 |
| Z458 | E2 |
| Z459 | E3 |
| Z460 | E3 |
| Z461 | A7 |
| Z462 | A7 |
| Z468 | D1 |
| Z469 | D2 |
| Z470 | D2 |
| Z471 | D2 |
| Z472 | A7 |

MODEL: PVR570 (PAL)
SCHEMATIC DIAGRAM (VS-1)
 (CHROMINANCE BLOCK)

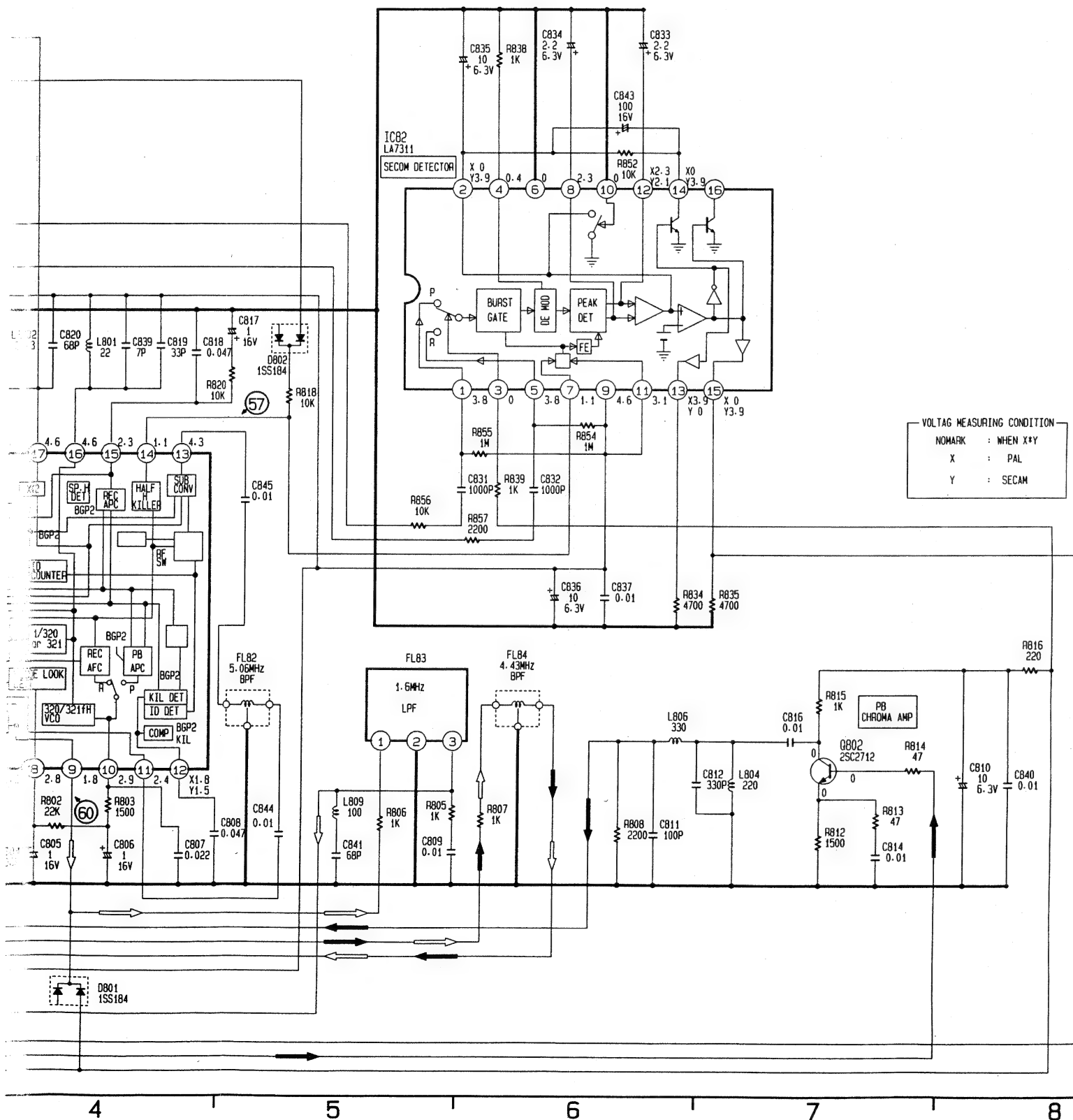
← MAIN SIGNAL PATH IN REC MODE
 ← MAIN SIGNAL PATH IN PB MODE



AM (VS-1)

TH IN REC MODE

TH IN PB MODE



IC's

IC81 D2

IC82 C5



TRANSISTORS

Q802 E7

Q803 D2

Q804 D2

Q806 D2

Q807 F2

Q815 B2



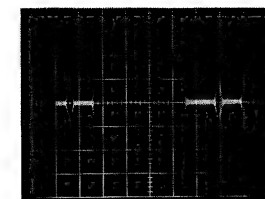
DIODES

D801 F4

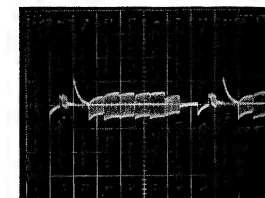
D802 C5

TEST POINT

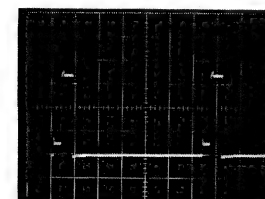
TP801 C3



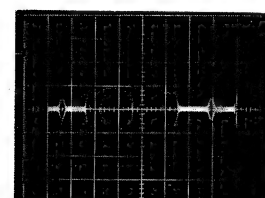
IC81 Pin23 PB SP
200mV/Div. 10μs/Div.



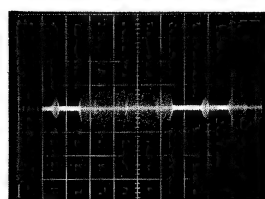
IC81 Pin21 REC SP
500mV/Div. 10μs/Div.



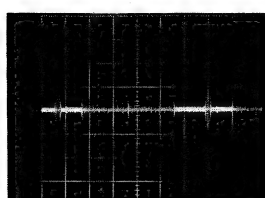
IC81 Pin14 REC SP
1V/Div. 10μs/Div.



IC81 Pin3 PB SP
100mV/Div. 10μs/Div.



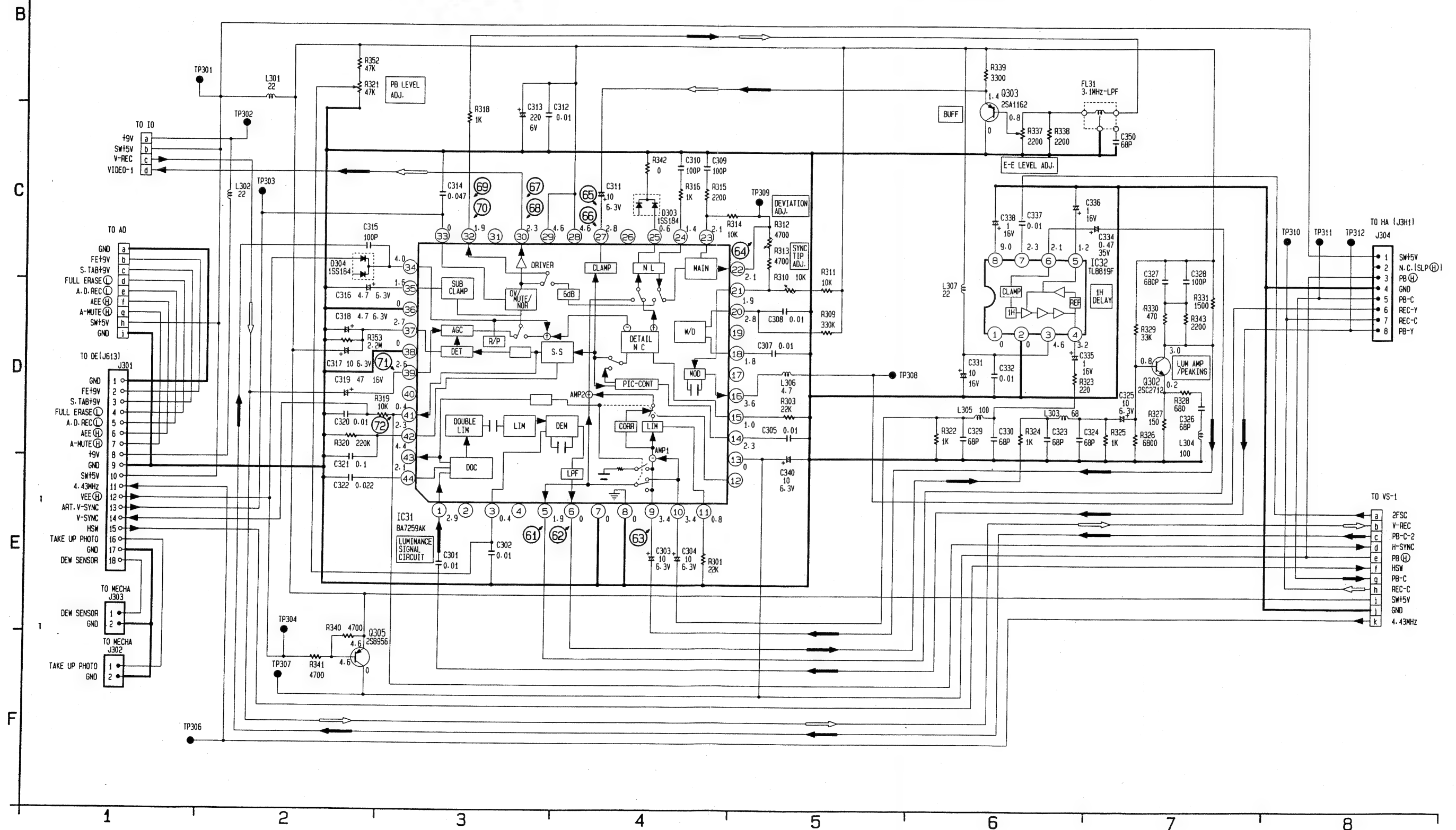
IC81 Pin5 PB SP
500mV/Div. 10μs/Div.



IC81 Pin9 REC SP
200mV/Div. 10μs/Div.

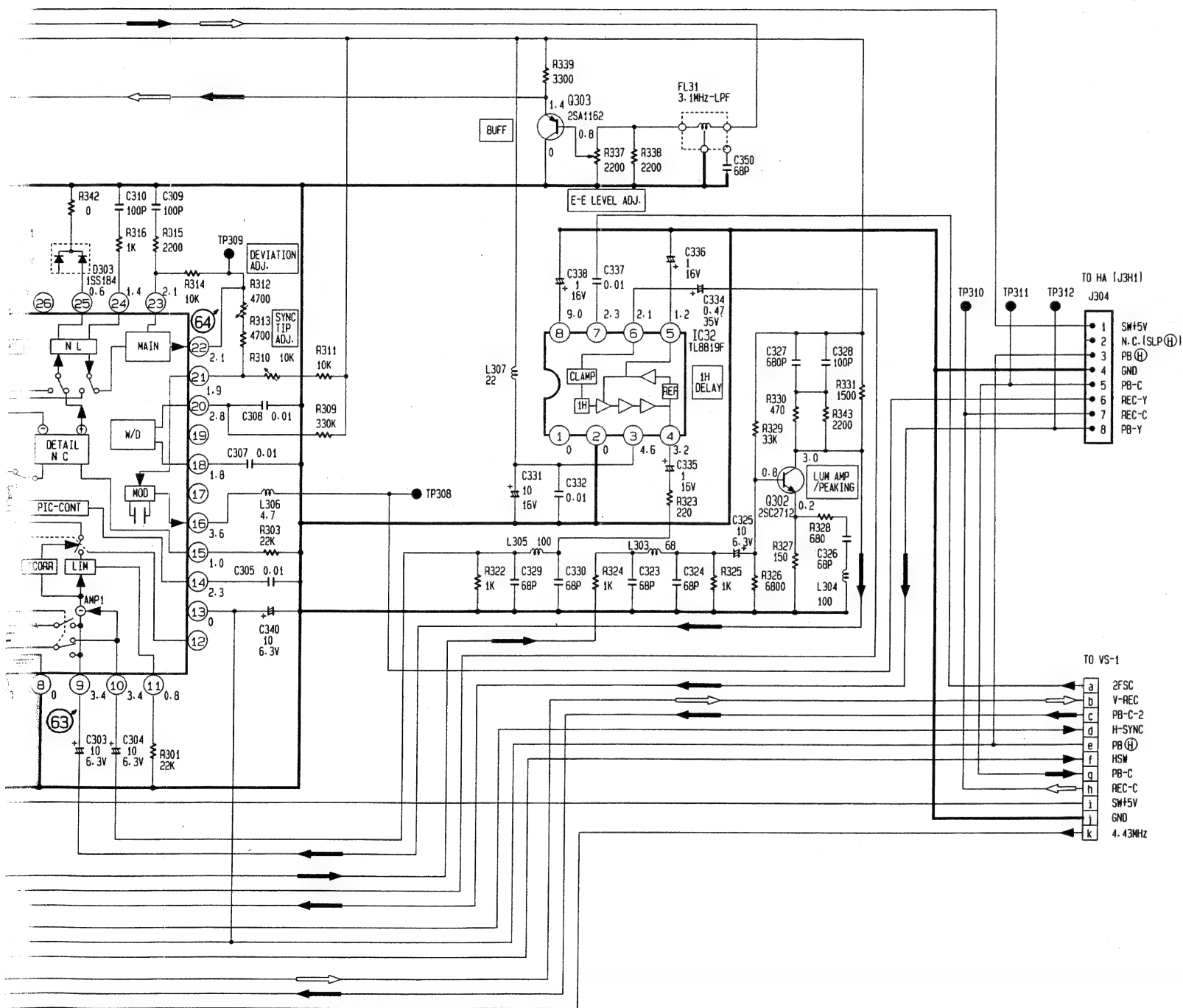
MODEL: PVR570 (PAL)
SCHEMATIC DIAGRAM (VS-2)
 (LUMINANCE BLOCK)

← MAIN SIGNAL PATH IN REC MODE
 ← MAIN SIGNAL PATH IN PB MODE



PAL) IAGRAM (VS-2)

CK)
SIGNAL PATH IN REC MODE
SIGNAL PATH IN PB MODE



IC's
IC31 E3
IC32 C6



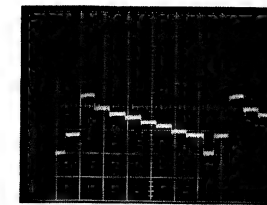
TRANSISTORS
Q302 D7
Q303 B6
Q305 E2



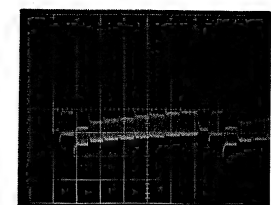
DIODES
D303 C4
D304 C2

TEST POINT

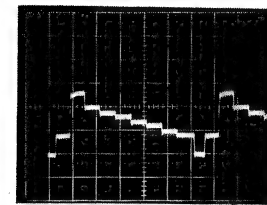
TP301 B1
TP302 B2
TP303 C2
TP304 E2
TP306 F1
TP307 E2
TP308 D5
TP309 C5
TP310 C8
TP311 C8
TP312 C8



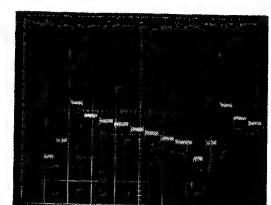
⑤ IC31 Pin5 PB SP
200mV/Div. 10µs/Div.



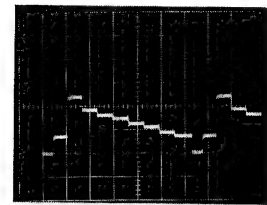
⑥ IC31 Pin6 PB SP
200mV/Div. 10µs/Div.



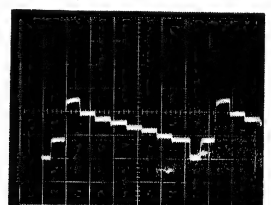
⑨ IC31 Pin9 PB SP
200mV/Div. 10µs/Div.



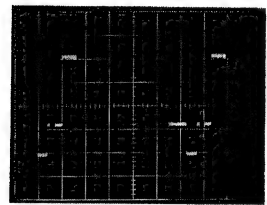
⑫ IC31 Pin22 REC SP
200mV/Div. 10µs/Div.



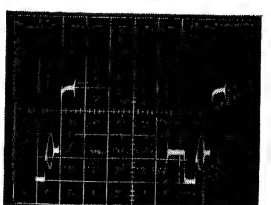
⑬ IC31 Pin27 REC SP
200mV/Div. 10µs/Div.



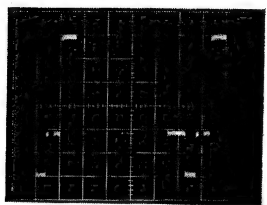
⑭ IC31 Pin27 PB SP
200mV/Div. 10µs/Div.



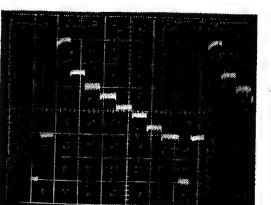
⑮ IC31 Pin30 REC SP
500mV/Div. 10µs/Div.



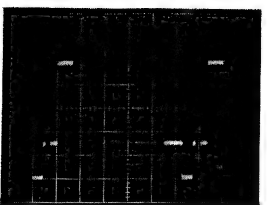
⑯ IC31 Pin30 PB SP
500mV/Div. 10µs/Div.



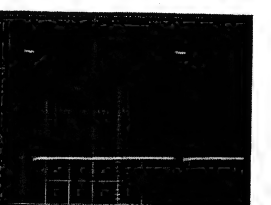
⑰ IC31 Pin32 REC SP
200mV/Div. 10µs/Div.



⑱ IC31 Pin32 PB SP
200mV/Div. 10µs/Div.

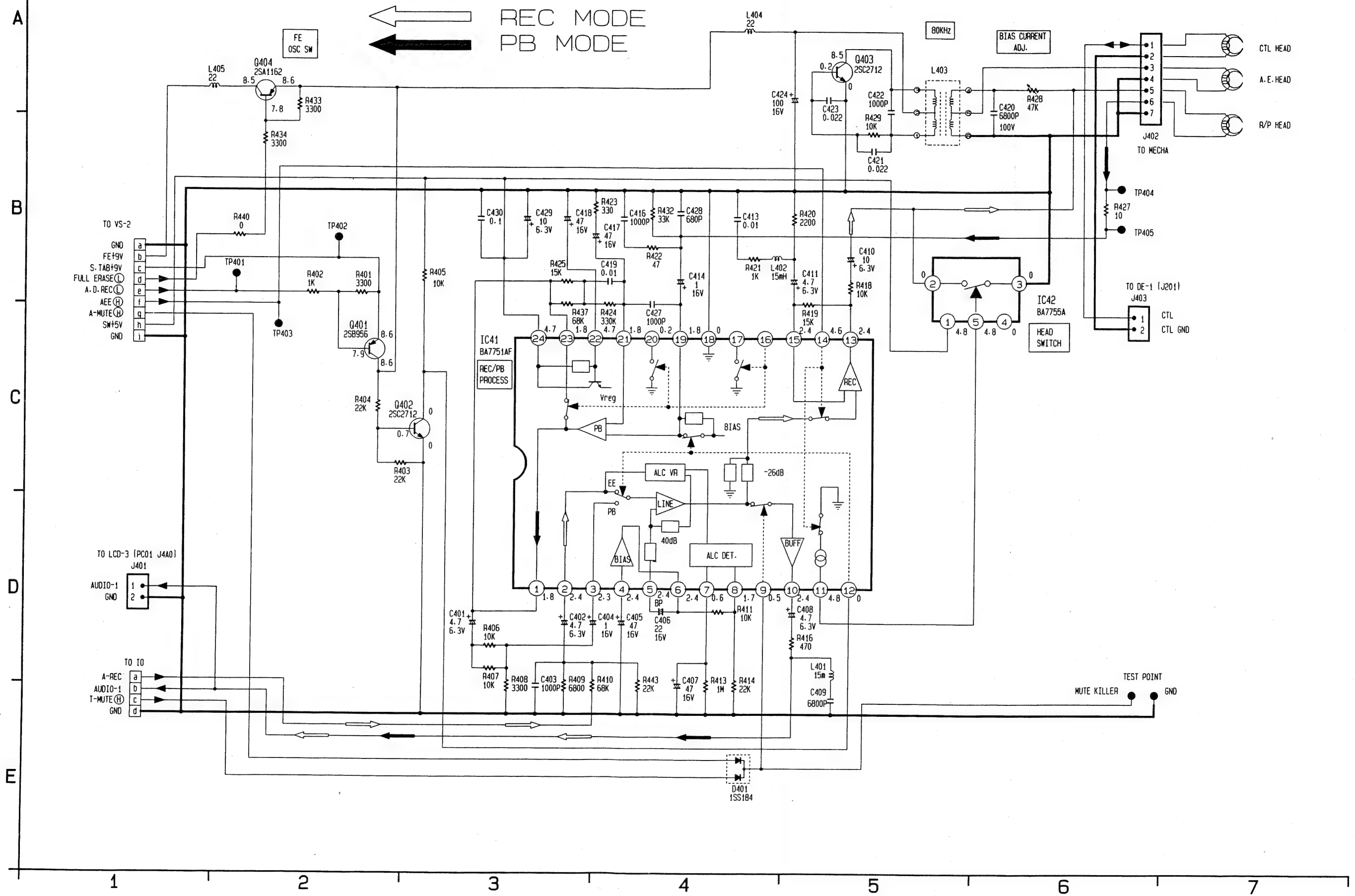


⑲ IC31 Pin39 REC SP
200mV/Div. 10µs/Div.



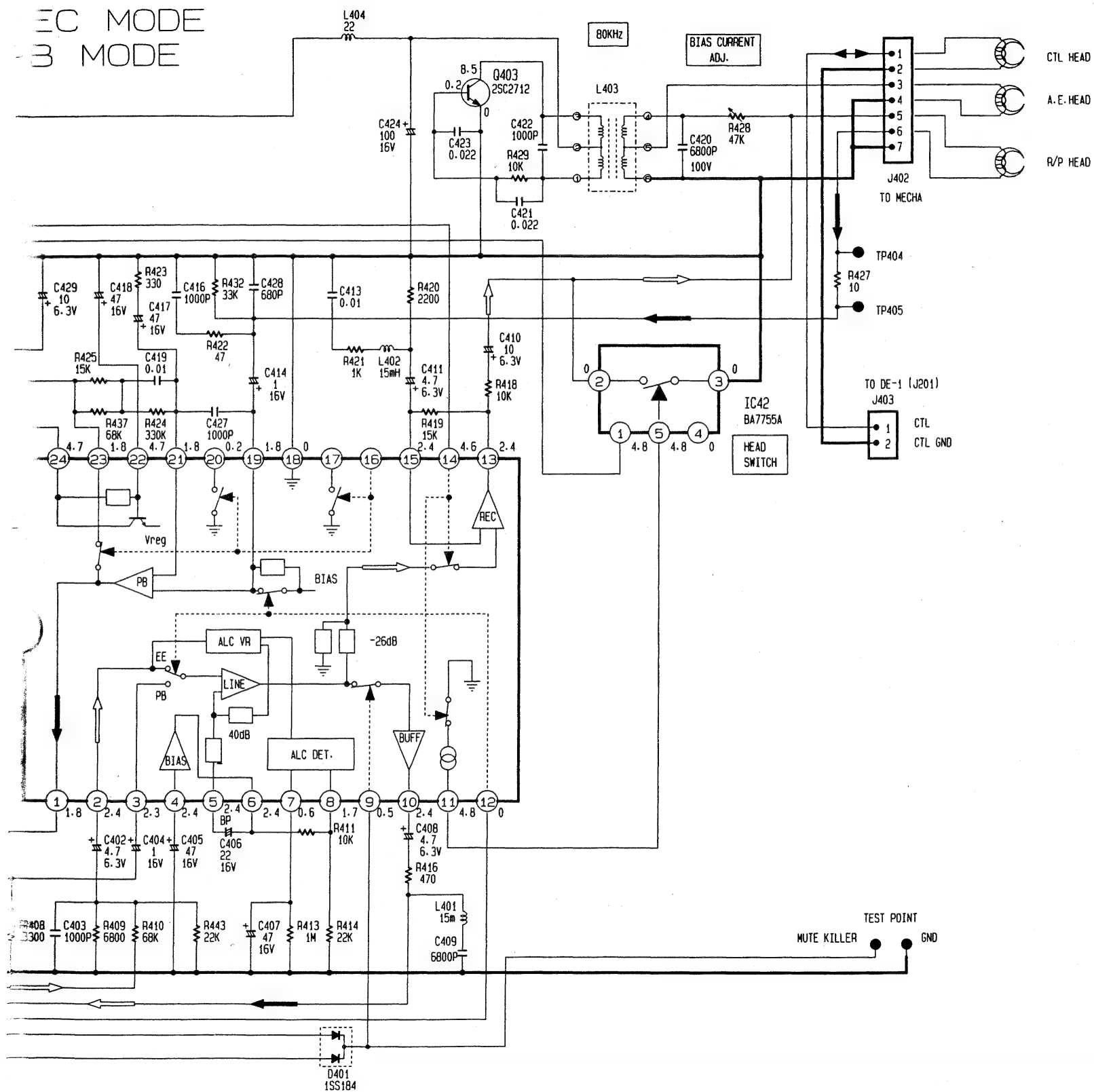
⑳ IC31 Pin41 PB SP
1V/Div. 10µs/Div.

MODEL: PVR570 (PAL)
SCHEMATIC DIAGRAM (AD)
 (NORMAL AUDIO BLOCK)



AL)
 AGRAM (AD)
 LOCK)

EC MODE
 B MODE



IC's

IC41 C3

IC42 B6



TRANSISTORS

Q401 C2

Q402 C3

Q403 A5

Q404 A2



DIODE

D401 E4

TEST POINTS

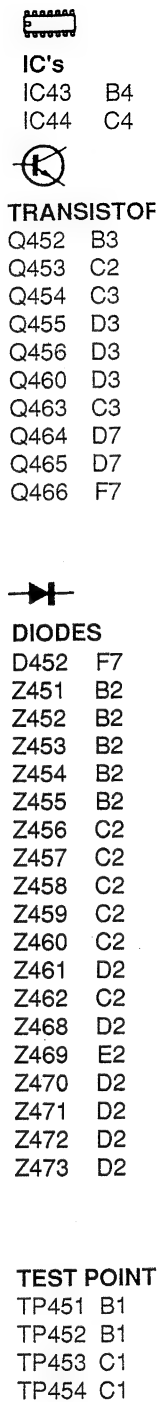
TP401 B2

TP402 B2

TP403 C2

TP404 B6

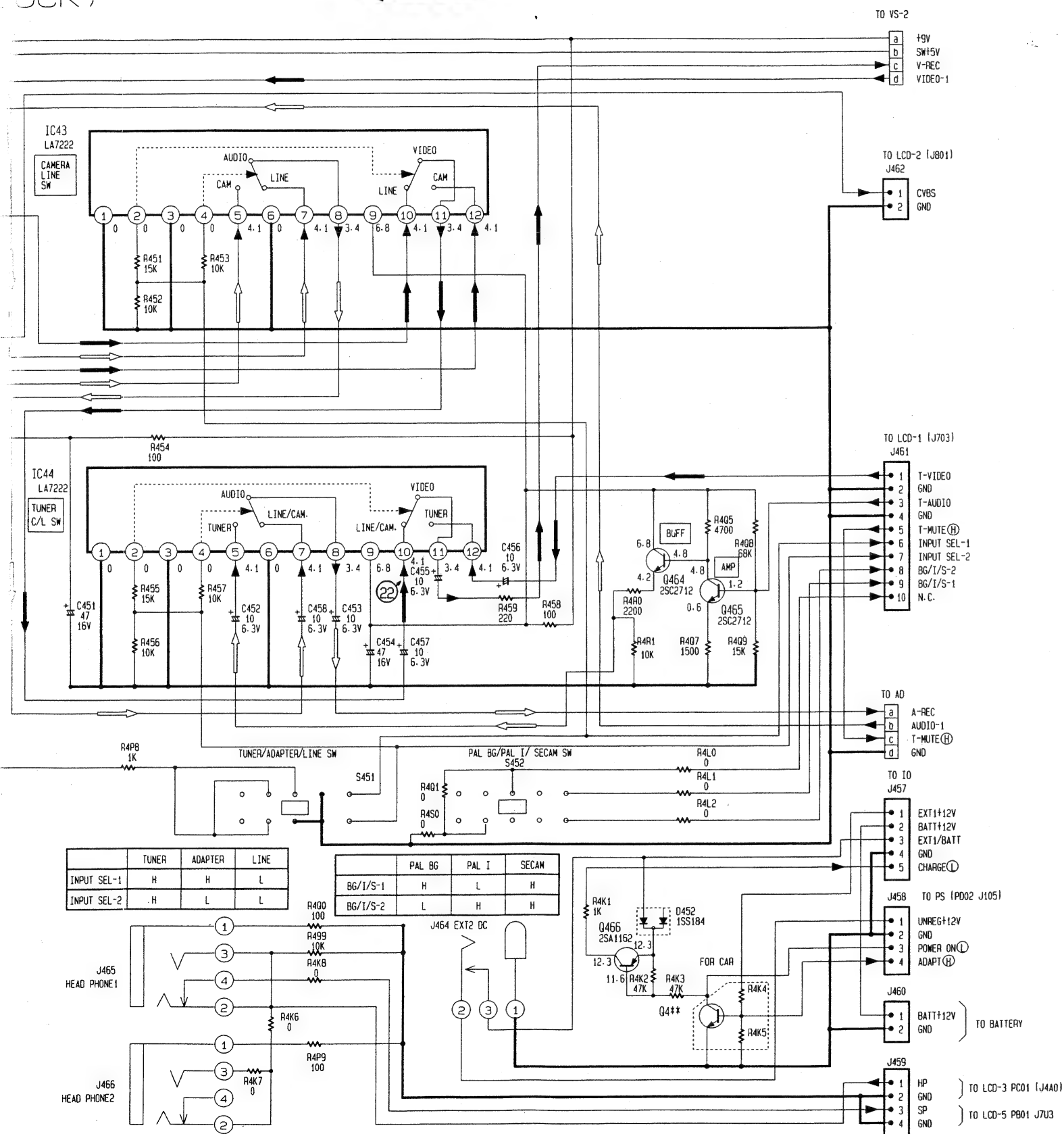
TP405 B6



IO)
LOCK)

(PVO1)

AUDIO SIGNAL
VIDEO SIGNAL



IC's
IC43 B4
IC44 C4



TRANSISTORS

Q452 B3
Q453 C2
Q454 C3
Q455 D3
Q456 D3
Q460 D3
Q463 C3
Q464 D7
Q465 D7
Q466 F7

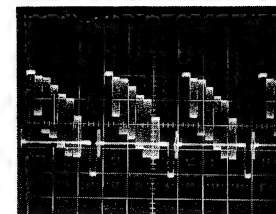


DIODES

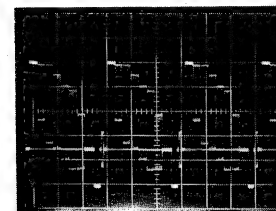
D452 F7
Z451 B2
Z452 B2
Z453 B2
Z454 B2
Z455 B2
Z456 C2
Z457 C2
Z458 C2
Z459 C2
Z460 C2
Z461 D2
Z462 C2
Z468 D2
Z469 E2
Z470 D2
Z471 D2
Z472 D2
Z473 D2

TEST POINT

TP451 B1
TP452 B1
TP453 C1
TP454 C1

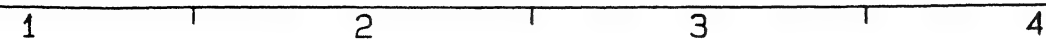
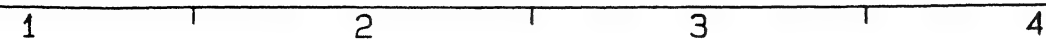


(21) Q453 Emitter
500mV/Div. 20μs/Div.



(22) IC44 Pin 10
20μs/Div. 200mV/Div.

F



DIODES

| | |
|------|----|
| D3H1 | B1 |
| D3H2 | B2 |
| D3H3 | B2 |

| | |
|------|----|
| Q3H1 | E2 |
| Q3H2 | E2 |
| Q3H3 | D2 |
| Q3H6 | F2 |
| Q3H7 | E3 |
| Q3H8 | E3 |
| Q3H9 | E3 |
| Q3J2 | E3 |
| Q3J3 | E3 |
| Q3J4 | F3 |

← PB MODE



MODEL: PVR570 (PAL)
SCHEMATIC DIAGRAM (HA)
 (HEAD AMP BLOCK)

← REC MODE
 ← PB MODE



IC
 IC33 B2



TRANSISTORS

Q3H4 B2
 Q3H5 C3
 Q3J1 C2
 Q3J5 C2



DIODES

D3H1 B1
 D3H2 B2
 D3H3 B2



TRANSISTORS

Q3H1 E2
 Q3H2 E2
 Q3H3 D2
 Q3H6 F2
 Q3H7 E3
 Q3H8 E3
 Q3H9 E3
 Q3J2 E3
 Q3J3 E3
 Q3J4 F3



IC
 IC33 E3



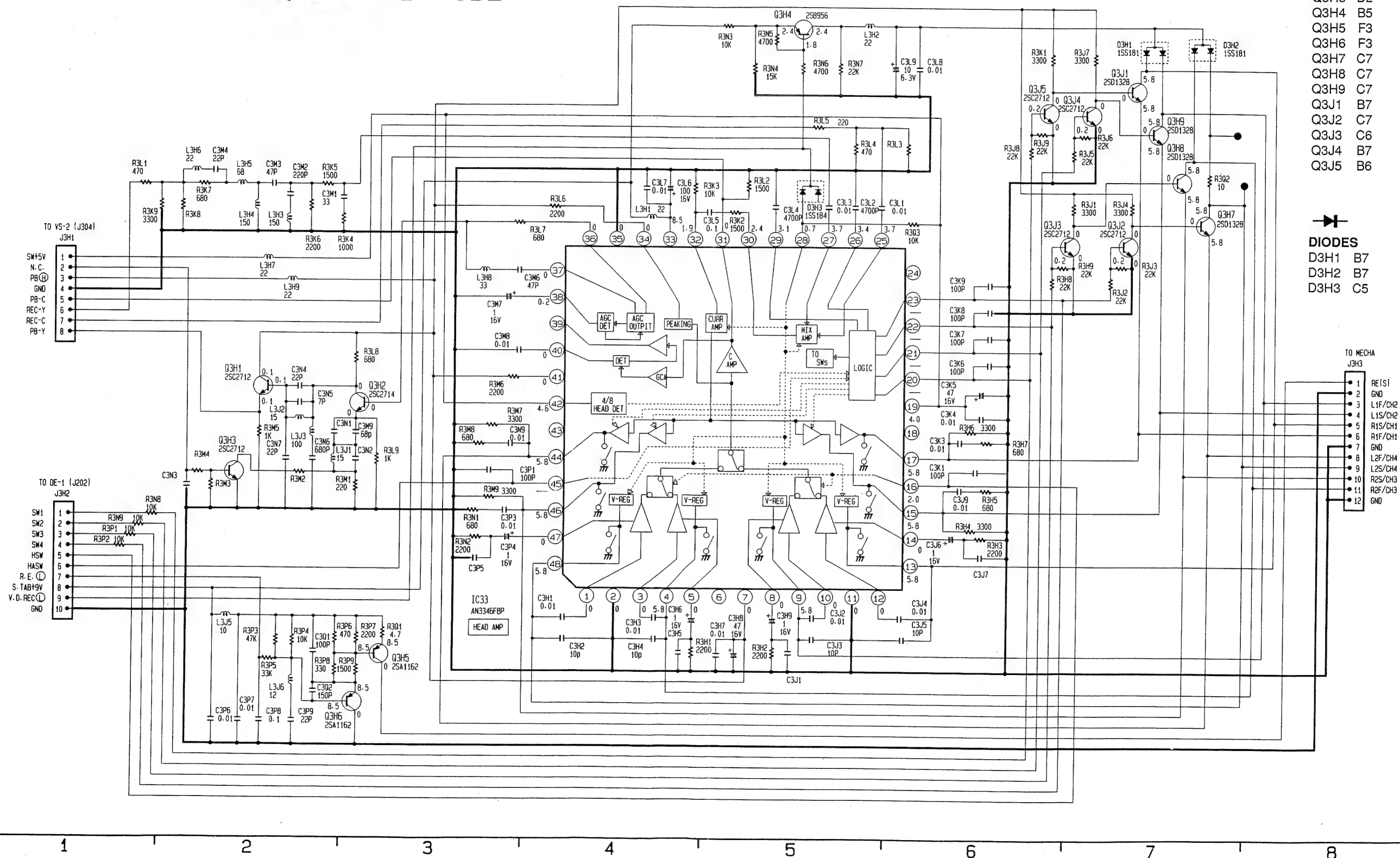
TRANSISTORS

Q3H1 D2
 Q3H2 D3
 Q3H3 D2
 Q3H4 B5
 Q3H5 F3
 Q3H6 F3
 Q3H7 C7
 Q3H8 C7
 Q3H9 C7
 Q3J1 B7
 Q3J2 C7
 Q3J3 C6
 Q3J4 B7
 Q3J5 B6

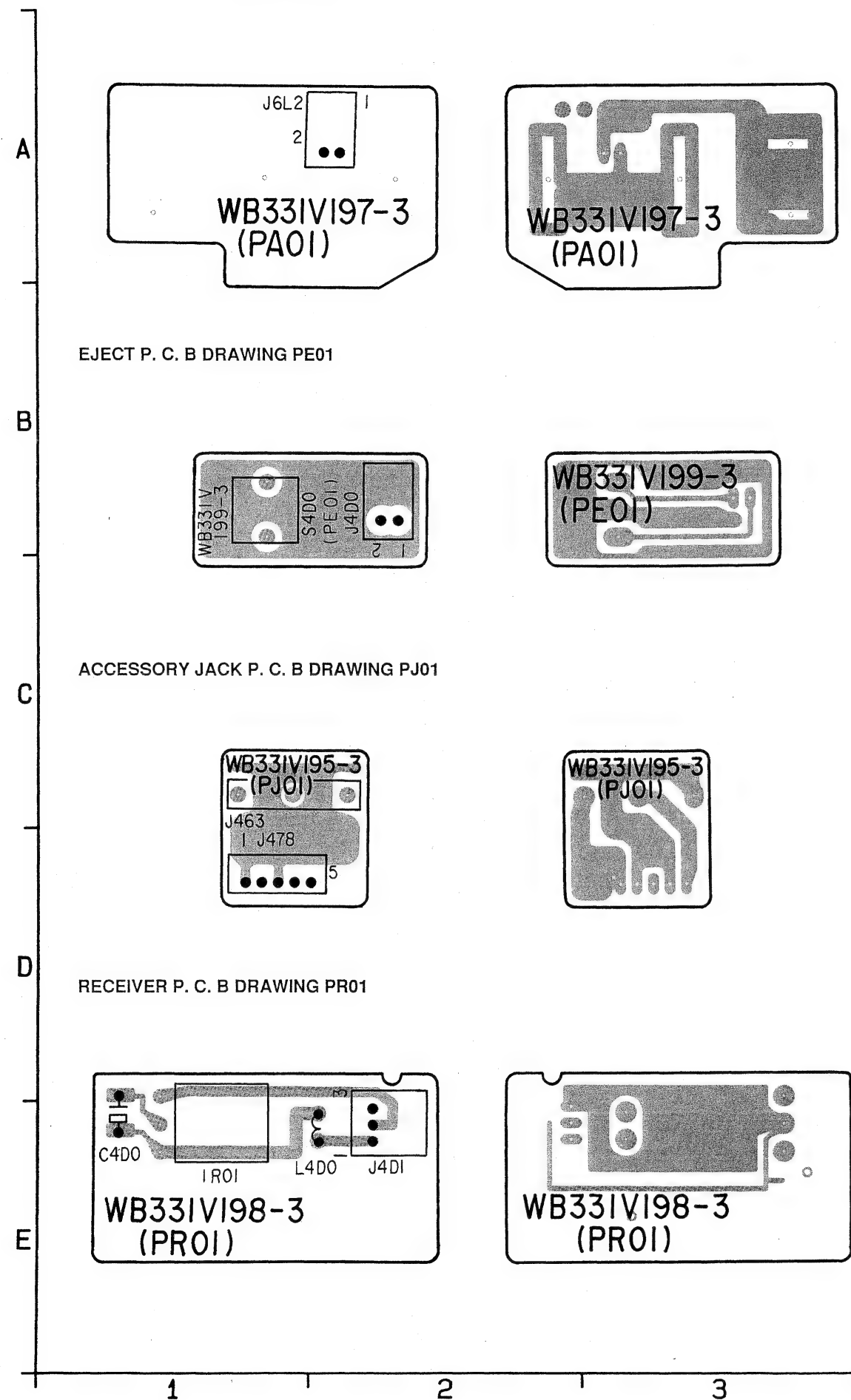


DIODES

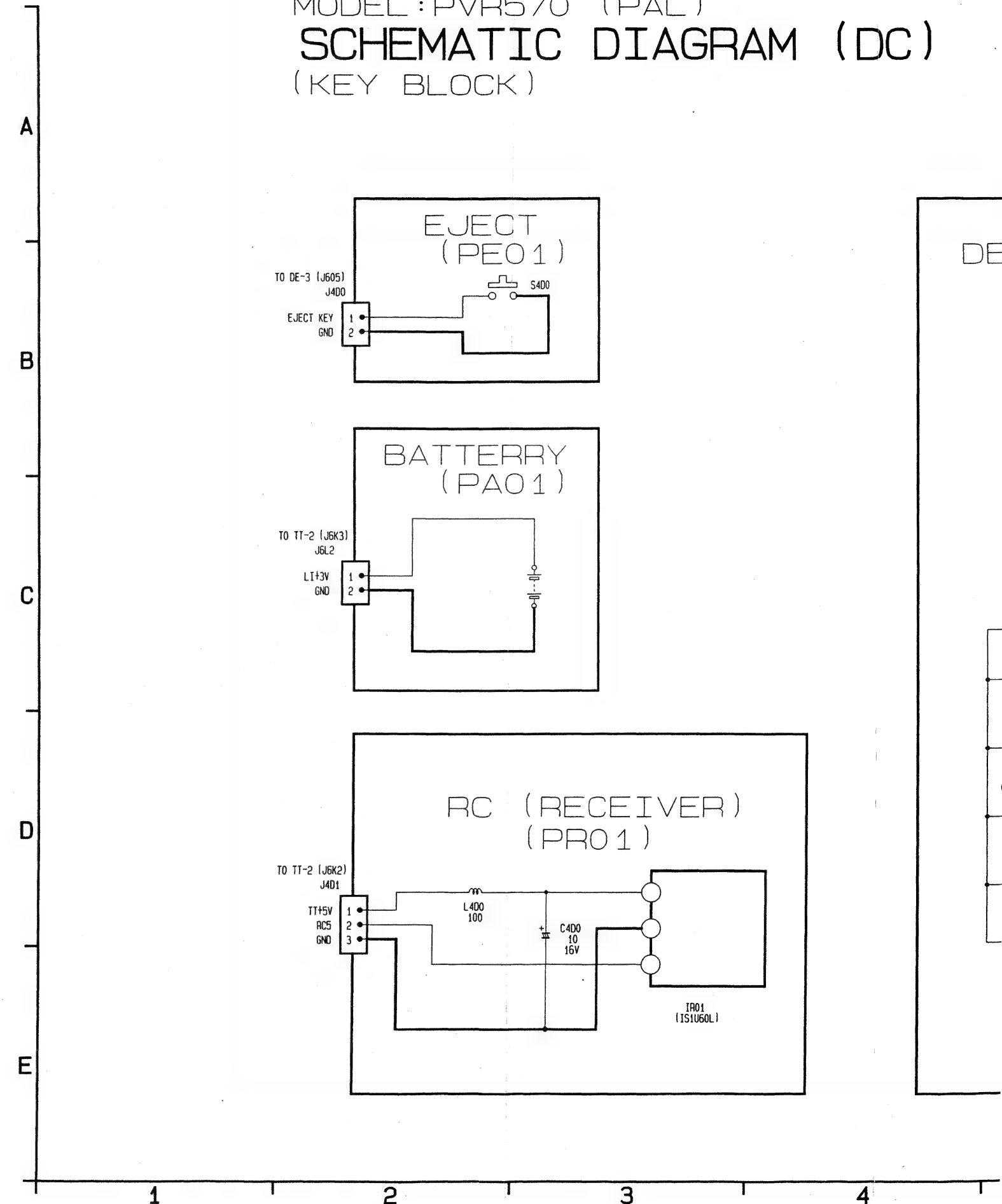
D3H1 B7
 D3H2 B7
 D3H3 C5



BATTERY P. C. B DRAWING PA01



MODEL : PVR570 (PAL)
SCHEMATIC DIAGRAM (DC)
 (KEY BLOCK)



MODEL : PVR570 (PAL)
SCHEMATIC DIAGRAM (DC)
 (KEY BLOCK)

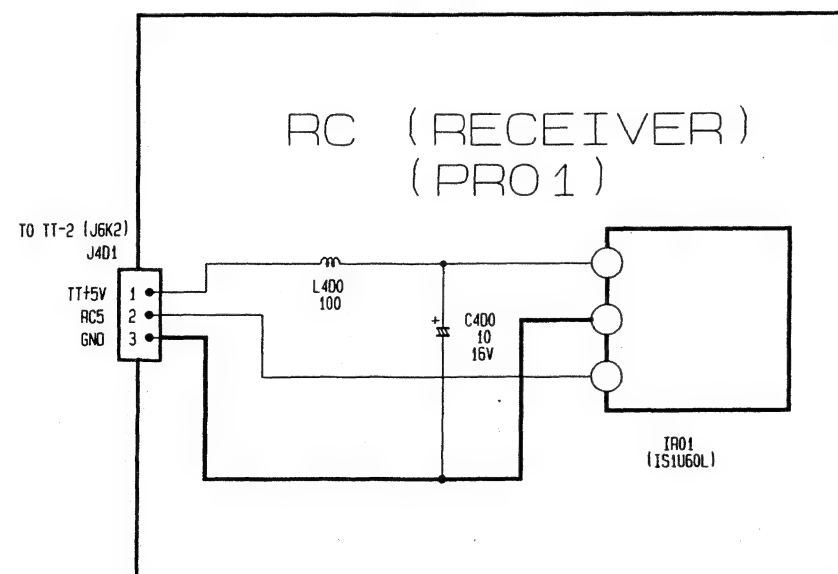
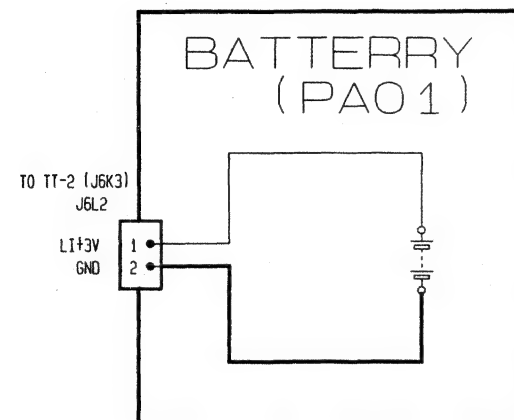
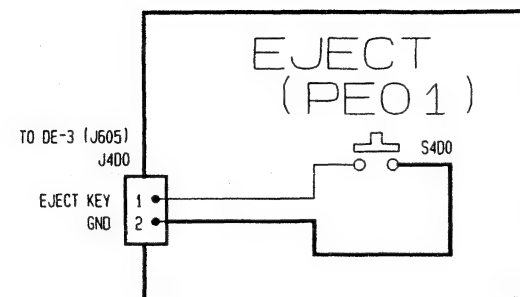
A

B

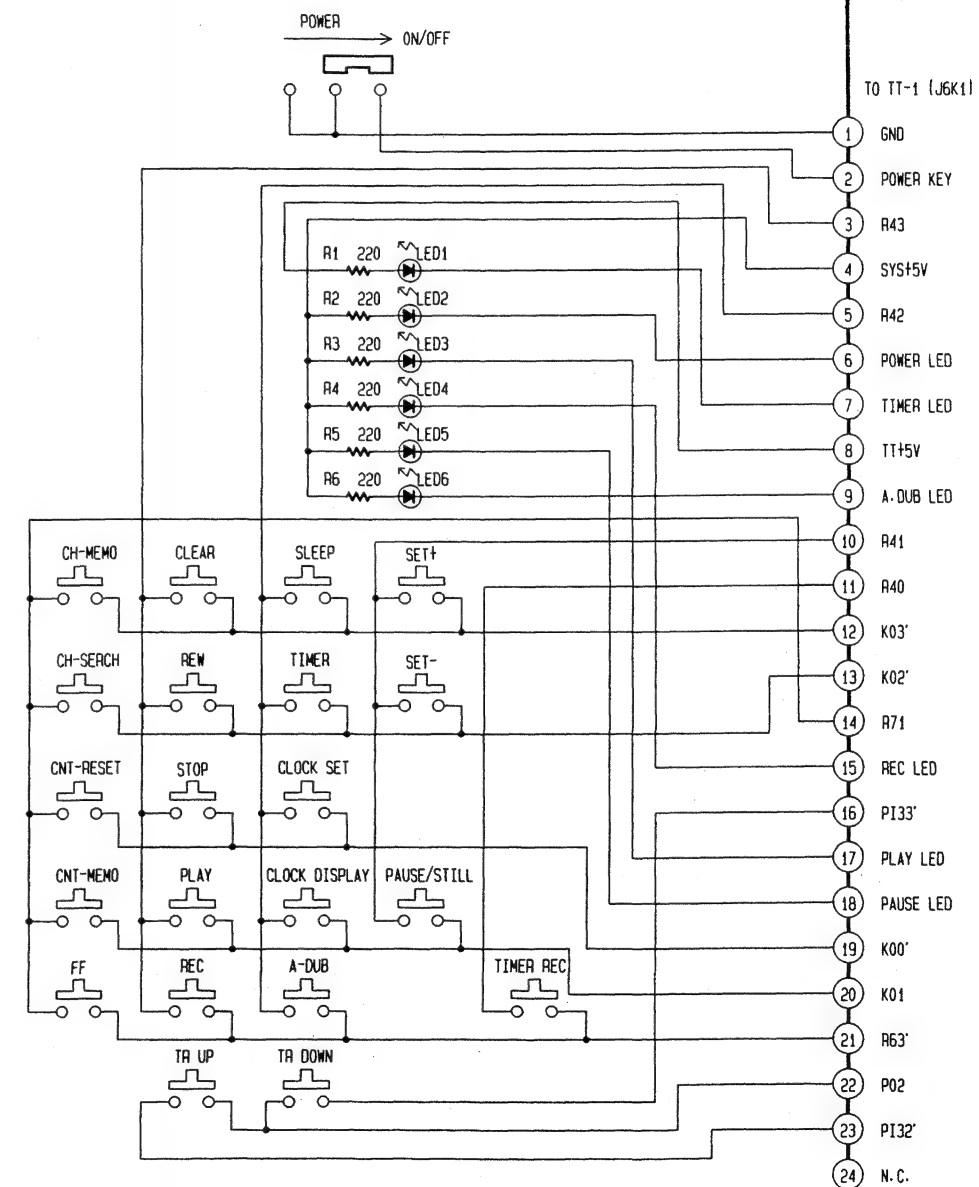
C

D

E



DECK CONTROL



- LED'S**
- LED1 B6
 - LED2 C6
 - LED3 C6
 - LED4 C6
 - LED5 C6
 - LED6 C6

1

2

3

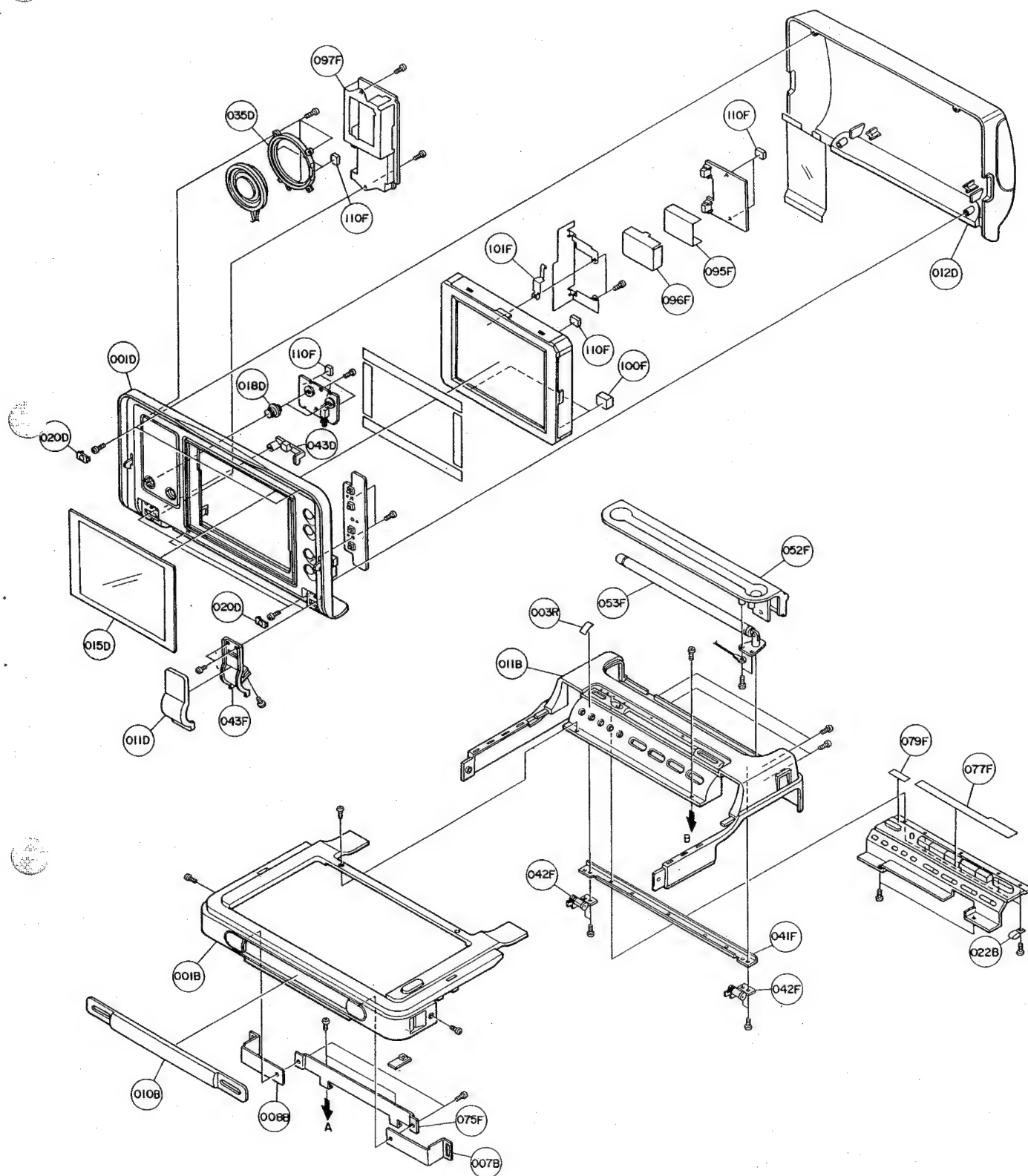
4

5

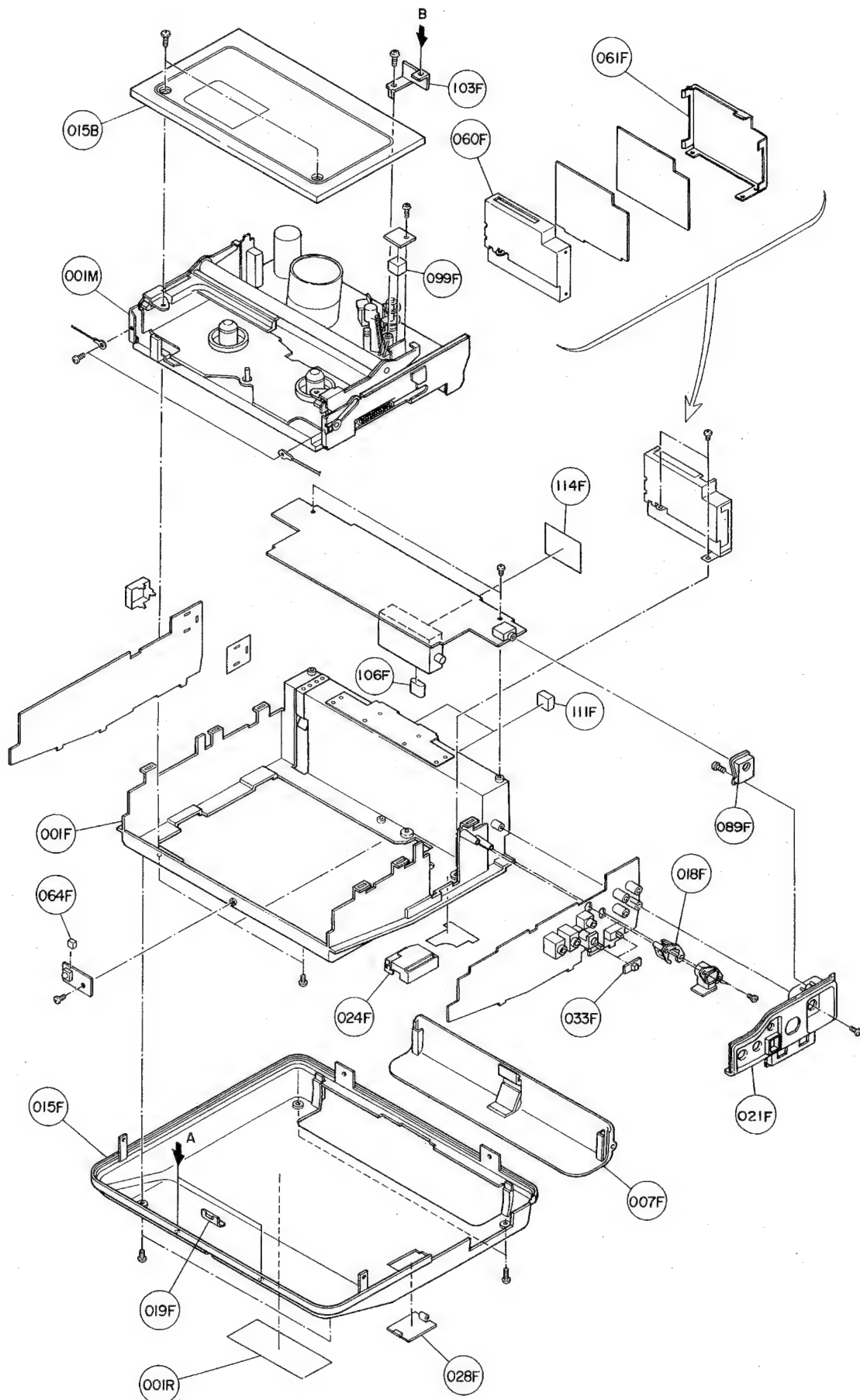
6

7

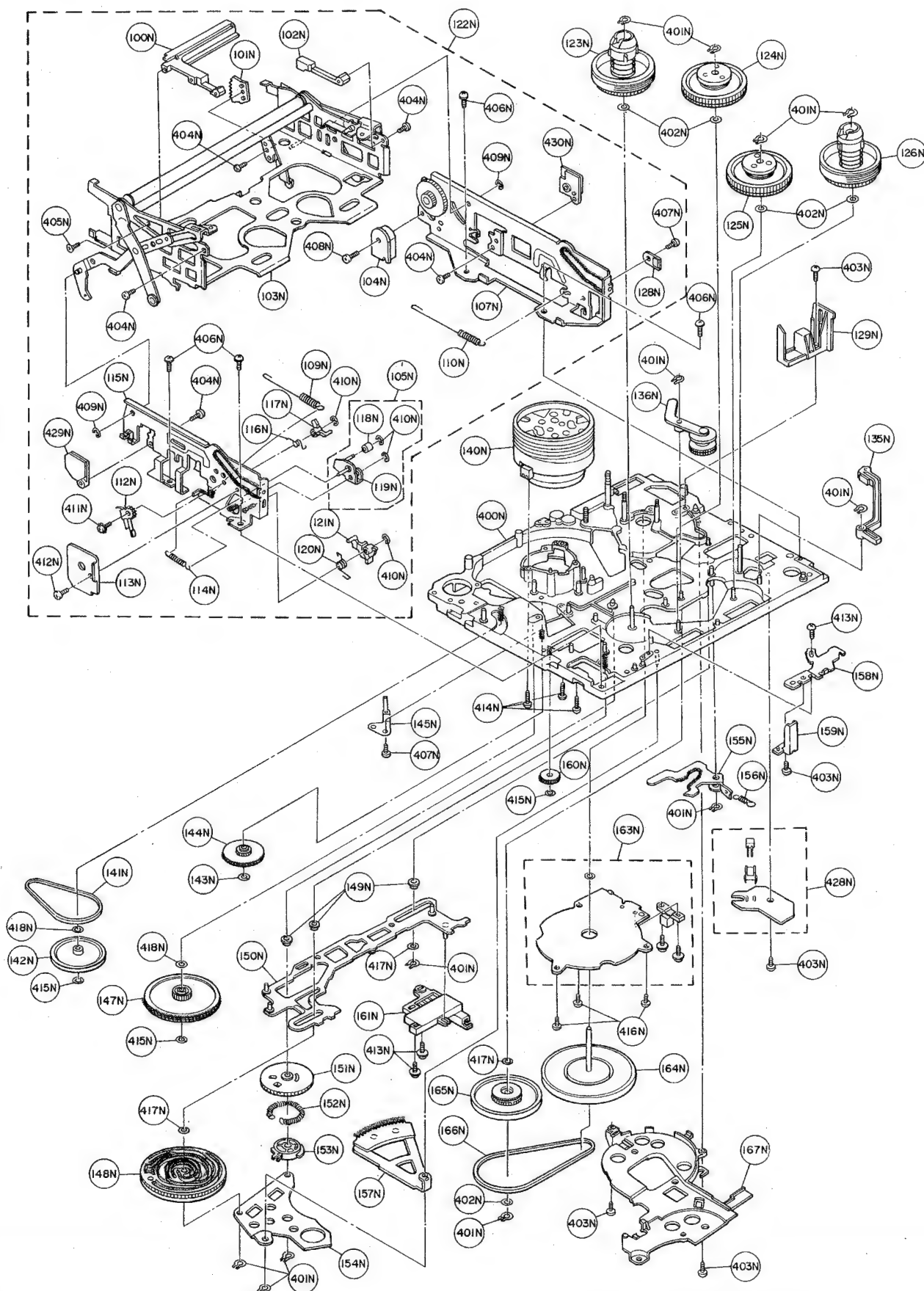
CABINET EXPLODED VIEW (TOP)



CABINET EXPLODED VIEW (BOTTOM)



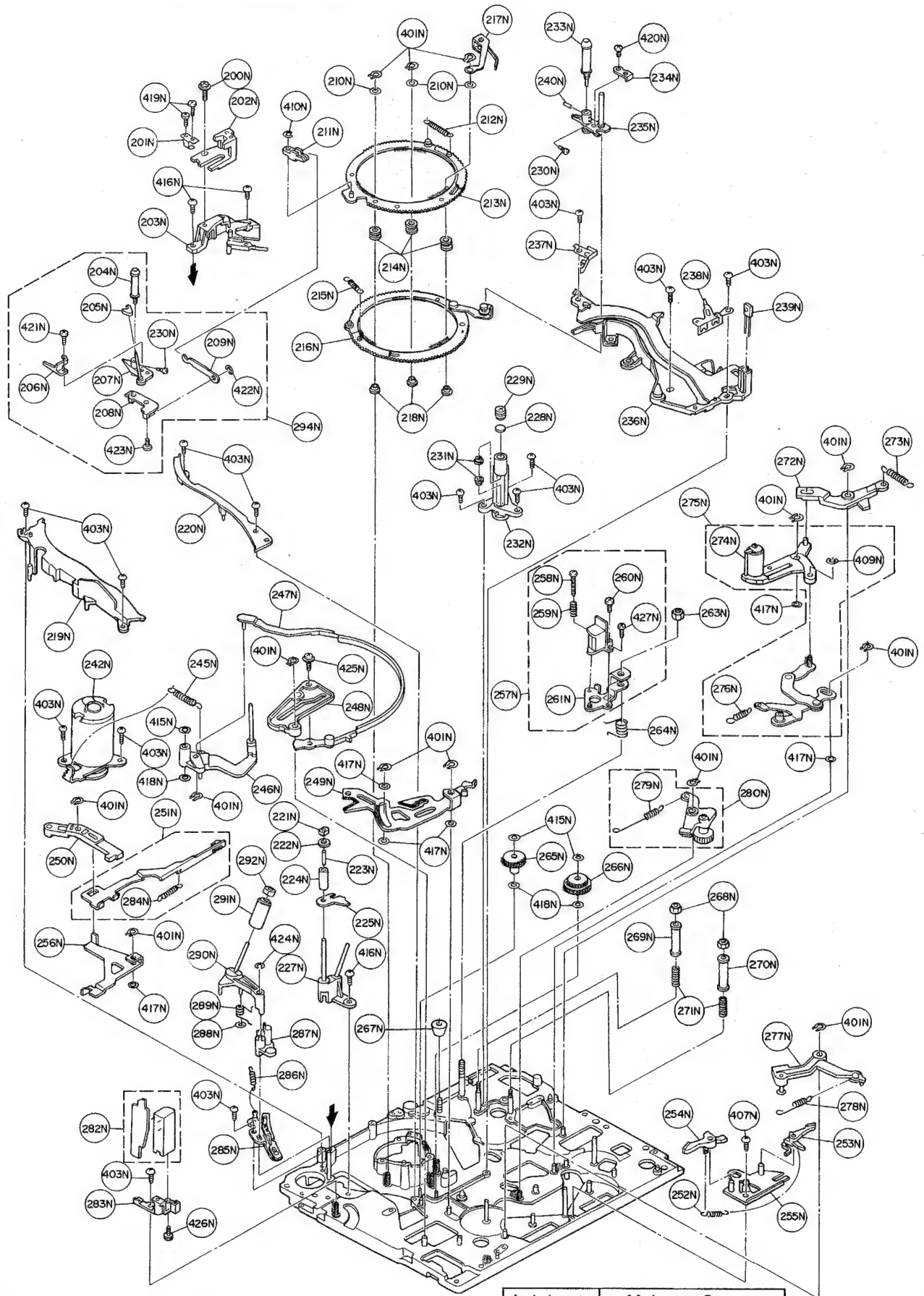
TAPE DECK EXPLODED VIEW (TOP)



Note: Lubrication Points: When the shaded parts are replaced, apply the recommended lubricants for better maintenance of the unit.

| | |
|---------------|---------------------|
| Lubricant: | Molytone Grease |
| Availability: | Avail. from factory |
| Part No. | 1714550019 |

TAPE DECK EXPLODED VIEW (BOTTOM)



Note: Lubrication Points: When the shaded parts are replaced, apply the recommended lubricants for better maintenance of the unit.

| | |
|---------------|---------------------|
| Lubricant: | Molytone Grease |
| Availability: | Avail. from factory |
| Part No. | 1714550019 |

Tape deck

| | | | | | |
|------|----------------|--------------------------|------|----------------|---------------------------|
| 001M | 4822 691 20742 | MECHADECK | 216N | 4822 522 32779 | LOADING RING(T) (1) UNIT |
| 100N | 4822 403 53125 | CASSETTE GUIDE(L) | 217N | 4822 492 63993 | PRESSER SPRING |
| 101N | 4822 522 32901 | MAIN ARM GEAR(A) | 218N | 4822 532 11661 | RING GUIDE SLEEVE |
| 102N | 4822 403 53124 | CASSETTE GUIDE(R) | 219N | 4822 403 53457 | LOADING GUIDE (S) (1) |
| 103N | 4822 691 30203 | CASSETTE HOLDER UNIT | 220N | 4822 402 61176 | LOADING GUIDE (S) (2) |
| 104N | 4822 403 70025 | DAMPER UNIT | 221N | 4822 530 70449 | SUPPLY UPPER LIMITER |
| 105N | 4822 403 70024 | LOCK LEVER UNIT | 222N | 4822 325 60299 | P1 POST SLEEVE (B) |
| 107N | 4822 403 70019 | STAND (R) UNIT | 223N | 4822 532 11975 | P1 COLLAR |
| 109N | 4822 492 41282 | HOLDER SPRING (L) | 224N | 4822 532 21384 | P1 ROLLER |
| 110N | 4822 492 32705 | HOLDER SPRING(R) | 225N | 4822 404 60203 | P1 LIMITER PLATE |
| 112N | 4822 278 10083 | LEAF SW | 226N | 4822 502 13062 | SCREW |
| 113N | 4822 464 50652 | LEAF SW COVER(O) | 227N | 4822 402 61183 | P1 BASE (1) UNIT |
| 114N | 4822 492 41283 | LOCK BORD SPRING | 228N | 4822 520 20395 | THRUST SPACER |
| 115N | 4822 402 61181 | STAND (L) UNIT | 229N | 4822 502 12017 | TURST SCREW NUT |
| 116N | 4822 492 42138 | LOCK LEVER (B) SPRING | 230N | 4822 502 13059 | ROLLER POST SCREW |
| 117N | 4822 403 52368 | LOCK LEVER(B) | 231N | 4822 462 40812 | DUST SEAL |
| 118N | 4822 528 81154 | LOCK ROLLER(O) | 232N | 4822 466 92222 | CAPSTAN HOUSING |
| 119N | 4822 402 61187 | LOCK BOARD UNIT | 233N | 4822 528 90782 | ROLLER POST UNIT |
| 120N | 4822 492 41284 | LOCK LEVER(A) SPRING | 234N | 4822 404 60202 | T-UP SHAFTHOLDER ANG |
| 121N | 4822 403 52367 | LOCK LEVER(A) | 235N | 4822 402 61184 | TAKEUP SHAFT HOLDER |
| 122N | 4822 403 70022 | CASSETTE UP(O) UNIT | 236N | 4822 402 61178 | TAKE UP LOADING BASE |
| 123N | 4822 528 81037 | SUPPLY REEL TABLE | 237N | 4822 492 42257 | SHAFT HOLDPRESS SPRING |
| 124N | 4822 528 20613 | SUPPLY CLUTCH UNIT | 238N | 4822 466 82334 | SHAFT HOLD PLATE ANG |
| 125N | 4822 528 20614 | TAKE UP CLUTCH UNIT | 239N | 4822 130 32878 | LED |
| 126N | 4822 528 10698 | TAKE UP REEL TABLE | 240N | 4822 502 13058 | T-UP SHAFT ADJ SCREW |
| 128N | 4822 111 91971 | DEW DETECTOR UNIT | 242N | 4822 361 21106 | LOADING MOTOR UNIT |
| 129N | 4822 404 60222 | CASSETTE OPENER | 245N | 4822 492 32843 | TENSION SPRING |
| 135N | 4822 466 40236 | SOFT BRAKE(T) UNIT | 246N | 4822 464 50421 | TENSION ARM UNIT |
| 136N | 4822 522 32439 | DRIVE GEAR ARM UNIT | 247N | 4822 321 30349 | TENSION BAND UNIT |
| 137N | 4822 502 13057 | CYLINDER UNIT SCREW | 248N | 4822 404 60418 | BAND RELEASE ARM |
| 138N | 4822 691 20457 | UPPER CYLINDER UNIT | 249N | 4822 464 50419 | TENSION KICK LEVER |
| 139N | 4822 290 60713 | RT TERMINAL | 250N | 4822 404 60417 | EJECT LEVER (A) |
| 140N | 4822 691 20592 | CYLINDER UNIT | 251N | 4822 404 60422 | SUPPORTER UNIT |
| 141N | 4822 358 30832 | LOADING BELT | 252N | 4822 492 32702 | BREAKE SPRING |
| 142N | 4822 528 81151 | INTERMEDIATE PULLYGE | 253N | 4822 466 40185 | BLAKE(R) UNIT |
| 143N | 4822 532 51556 | CUT WASHER | 254N | 4822 466 40184 | BLAKE(L) UNIT |
| 144N | 4822 522 32294 | DRIVE GEAR(B) | 255N | 4822 466 81684 | BLAKE PLATE (1) UNIT |
| 145N | 4822 466 82337 | EARTH HOLDER UNIT | 256N | 4822 404 60421 | EJECT LEVER |
| 147N | 4822 522 32293 | DRIVE GEAR(A) | 257N | 4822 691 20584 | A/C HEAD UNIT |
| 148N | 4822 522 31913 | CAM GEAR | 258N | 4822 502 12846 | A/C HEAD ADJ SCREW |
| 149N | 4822 532 11223 | THRUST WASHER | 259N | 4822 492 41297 | A/C HEAD ADJ SPRING |
| 150N | 4822 466 82336 | MAIN ROD(K) UNIT | 260N | 4822 502 13085 | A/C TILT ADJ SCREW |
| 151N | 4822 522 31918 | LOADING GEAR(C) (2) | 261N | 4822 403 53464 | A/C HEAD ARM UNIT |
| 152N | 4822 492 70768 | LOADING GEAR(C) SPRING | 262N | 4822 403 70017 | A/C HEAD BINDER |
| 153N | 4822 522 31917 | LOADING GEAR (C)(1) | 263N | 4822 505 10931 | A/C HEAD ARM NUT |
| 154N | 4822 466 82335 | GUARD PLATE | 264N | 4822 492 41296 | A/C HEAD SPRING |
| 155N | 4822 403 52388 | DRIVE ARMKICK LEVER | 265N | 4822 522 31923 | LOADING GEAR(A) |
| 156N | 4822 492 41294 | DRARMKICK LEVER SPRING | 266N | 4822 522 32442 | LOADING GEAR(B) |
| 157N | 4822 522 31921 | SECTOR GEAR UNIT | 267N | 4822 505 10929 | ADJUST NUT |
| 158N | 4822 464 50404 | SEAFTY TAB SW BASE | 268N | 4822 505 10776 | M2 NYLON NUT |
| 159N | 4822 271 30423 | SAFTY TAB SW | 269N | 4822 535 70855 | P4 POST SLEEVE |
| 160N | 4822 522 32956 | DRIVE GEAR(C) | 270N | 4822 535 71217 | P5 POST SLEEVE |
| 161N | 4822 278 90565 | MODE SELECT SW | 271N | 4822 492 41298 | P4/P5 POST SPRING |
| 163N | 4822 466 61663 | STATOR UNIT | 272N | 4822 404 60419 | PINCH LEVER |
| 164N | 4822 528 81036 | ROTOR UNIT | 273N | 4822 492 70598 | PINCH LEVER SPRING |
| 165N | 4822 528 81215 | MAIN PULLEY UNIT | 274N | 4822 528 70522 | PINCH ROLLER ARM |
| 166N | 4822 358 20241 | CAPSTAN BELT | 275N | 4822 528 70534 | PINCH ARM UNIT |
| 167N | 4822 432 60233 | BELTCOVER | 276N | 4822 492 41302 | PINCH ARM SPRING |
| 200N | 4822 502 12847 | P2 ADJUST SCREW | 277N | 4822 403 10238 | SOFT BREAKE LEVER(S) UNIT |
| 201N | 4822 403 52379 | P2 ADJUST PLATE | 278N | 4822 492 41289 | SOFT BREAKE SPRING(S) |
| 202N | 4822 464 50413 | SUPPLY POST STOPPER | 279N | 4822 492 32845 | REW ARM SPRING |
| 203N | 4822 402 61179 | V STOPPER BASE | 280N | 4822 404 60423 | FF/REW ARM UNIT |
| 204N | 4822 535 93159 | SUPPLYROLLER POST UNIT | 282N | 4822 249 40273 | FE HEAD |
| 205N | 4822 462 40808 | P2 CAP | 283N | 4822 466 92225 | FE HEAD BASE |
| 206N | 4822 403 52386 | TAPE PROTECTOR | 284N | 4822 492 32703 | SUPPORTER SPRING |
| 207N | 4822 464 50416 | SUP SHAFTHOLDER (1) UNIT | 285N | 4822 403 53835 | SLIDE BASE(O) UNIT |
| 208N | 4822 403 52392 | SUP SHAFTHOLDER ANGL | 286N | 4822 492 70325 | SLIDE SPRING |
| 209N | 4822 404 60204 | CONNECTION ROD | 287N | 4822 403 53834 | IMPEDANCE LREVER |
| 210N | 4822 532 11662 | RING GUIDE SLEEVE UNIT | 288N | 4822 505 11049 | PUSH NUT |
| 211N | 4822 403 52391 | CONECTION TIE UNIT | 289N | 4822 492 70597 | IMPEDANCE DRIVE SPRING |
| 212N | 4822 492 41292 | LOADING SPRING | 290N | 4822 403 70033 | IMPEDANCE ARM(1) UNIT |
| 213N | 4822 522 31926 | LOADING RING(S) (1) UNIT | 291N | 4822 528 81384 | IMPEDANCE ROLLER |
| 214N | 4822 528 70529 | RING GUIDE ROLLER | 292N | 4822 530 70449 | SUPPLY UPPER LIMITER |
| 215N | 4822 492 41292 | LOADING SPRING | 294N | 4822 403 70032 | SUPPLY SHAFT HOLDER UNIT |

Cabinet parts

| | | | | | |
|------|----------------|-----------------------|------|----------------|------------------------|
| 001B | 4822 443 41137 | CASS CASE (K) | 055F | 4822 502 13392 | SCREW FOR ANT LID |
| 002B | 4822 443 41134 | CASS CASE | 057F | 4822 502 13103 | SCREW FOR BUTTON UNIT |
| 003B | 4822 410 61833 | EJECT BUTTON | 060F | 4822 443 41135 | HA CASE A |
| 004B | 4822 256 91726 | EJECT PCB HOLDER | 061F | 4822 443 41136 | HA CASE B |
| 005B | 4822 502 13877 | SCREW FOR CASS CASE | 062F | 4822 502 13679 | SCREW FOR HA |
| 006B | 4822 502 13877 | SCREW FOR CASS CASE | 064F | 4822 466 92945 | BUFFER FOR IR |
| 007B | 4822 403 70153 | STRAP BRACKET R | 067F | 4822 502 13314 | SCREW |
| 008B | 4822 403 70154 | STRAP BRACKET L | 075F | 4822 403 70593 | CASS CASE BRACKET |
| 009B | 4822 502 13877 | SCREW FOR BRACKET | 076F | 4822 502 13877 | SCREW FOR CASS CASE |
| 010B | 4822 498 40586 | HANDLE | 079F | 4822 462 71833 | BUFFER FOR BUTTON UNIT |
| 011B | 4822 443 41138 | UPPER CASE K | 089F | 4822 256 91891 | ANT.HOLDER |
| 012B | 4822 443 41131 | UPPER CASE | 096F | 4822 443 41132 | CASE FOR BACKLIGHT |
| 013B | 4822 381 11194 | LENS | 097F | 4822 443 41133 | CASE FOR CHROMA PCB |
| 015B | 4822 443 63606 | CASSETTE LID(K) | 099F | 4822 462 71832 | BUFFER |
| 016B | 4822 443 63602 | CASSETTE LID | 100F | 4822 462 71835 | BUFFER FOR TV BOTTOM |
| 017B | 4822 450 61863 | WINDOW FOR CASS LID | 101F | 4822 492 71087 | LEAF SPRING FOR LCD |
| 022B | 4822 401 11438 | CLAMPER:UPPER CASE | 103F | 4822 403 70594 | BRACKET |
| | | | 106F | 4822 462 71726 | BUFFER FOR TUNER |
| 001D | 4822 432 10962 | TV BOTTOM CASE(K) | 109F | 4822 502 13679 | SCREW FOR SHIELD |
| 002D | 4822 432 10961 | TV BOTTOM CASE | 110F | 4822 462 71834 | BUFFER FOR TV CASE |
| 003D | 4822 410 61829 | CH/VOL BUTTON | 111F | 4822 462 71724 | BUFFER FOR FRAME |
| 005D | 4822 403 70159 | HOOK (R) | 112F | 4822 502 13097 | SCREW FOR TERMINAL |
| 006D | 4822 403 70161 | HOOK (L) | | | |
| 007D | 4822 432 60478 | HOOK COVER (R) | 001Z | 4822 138 10425 | LITHIUM BATTERY |
| 008D | 4822 432 60479 | HOOK COVER (L) | 003T | 4822 736 52852 | DIR F. USE PVR570 |
| 011D | 4822 443 63599 | HINGE COVER | | | |
| 012D | 4822 432 10959 | TV UPPER CASE | | | |
| 015D | 4822 450 61862 | TV WINDOW | | | |
| 018D | 4822 413 31694 | KNOB (CONTRAST) | | | |
| 020D | 4822 466 92948 | TV BUFFER | | | |
| 023D | 4822 502 13203 | SCREW FOR TV UPPER C | | | |
| 033D | 4822 492 70762 | SPRING FOR HOOK | | | |
| 035D | 4822 256 91889 | SPEAKER HOLDER | | | |
| 043D | 4822 410 61831 | LCD ON/OFF BUTTON | | | |
| | | | | | |
| 001F | 4822 464 70589 | FRAME K | | | |
| 002F | 4822 464 90689 | FRAME | | | |
| 003F | 4822 256 91727 | BATTERY HOOK | | | |
| 004F | 4822 492 70761 | SPRING FOR BATTERY | | | |
| 005F | 4822 290 81387 | TERMINAL FOR BATTERY | | | |
| 006F | 4822 502 13103 | SCREW FOR FRAME | | | |
| 007F | 4822 443 63605 | BATTERY LID(K) | | | |
| 008F | 4822 443 63601 | BATTERY LID | | | |
| 009F | 4822 410 61832 | BATTERY EJECT BUTTON | | | |
| 011F | 4822 502 13103 | SCREW FOR HOLDER | | | |
| 012F | 4822 502 13877 | SCREW FOR TUNER PCB | | | |
| 013F | 4822 502 13877 | SCREW FOR LCD PCB | | | |
| 014F | 4822 502 13681 | SCREW FOR ACCESSORY | | | |
| 015F | 4822 443 41129 | BOTTOM CASE | | | |
| 018F | 4822 256 91729 | ACCESSORY CONNECTOR | | | |
| 019F | 4822 450 61632 | REMOTE WINDOW | | | |
| 020F | 4822 502 13103 | SCREW FOR BOTTOM | | | |
| 022F | 4822 256 91892 | TERMINAL HOLDER | | | |
| 024F | 4822 256 91724 | LITHIUM CASE(K) | | | |
| 025F | 4822 256 91723 | LITHIUM CASE | | | |
| 026F | 4822 290 81494 | LITHIUM TERMINAL A | | | |
| 027F | 4822 290 81495 | LITHIUM TERMINAL B | | | |
| 028F | 4822 443 63603 | LITHIUM LID | | | |
| 033F | 4822 411 61731 | SLIDE SW KNOB | | | |
| 041F | 4822 403 70152 | HINGE BRACKET | | | |
| 042F | 4822 417 11165 | HINGE UNIT | | | |
| 043F | 4822 403 70143 | HINGE ARM | | | |
| 045F | 4822 502 13877 | SCREW FOR HINGE ARM | | | |
| 050F | 4822 502 13103 | SCREW | | | |
| 051F | 4822 502 13103 | SCREW FOR BUTTON UNIT | | | |
| 052F | 4822 443 63604 | ANTENNA LID | | | |
| 053F | 4822 303 30418 | ANTENNA | | | |
| 054F | 4822 502 13877 | SCREW FOR ANTENNA | | | |

Linear Audio

CAPACITORS

| | | |
|------|----------------|------------|
| C401 | 4822 124 41841 | 4.7μF/6.3V |
| C402 | 4822 124 41841 | 4.7μF/6.3V |
| C403 | 5322 126 10511 | 0.001μF |
| C404 | 4822 122 32672 | 1μF/16V |
| C405 | 4822 124 22727 | 47μF/16V |
| C406 | 4822 124 23493 | 22μF/16V |
| C407 | 4822 124 22727 | 47μF/16V |
| C408 | 4822 124 41841 | 4.7μF/6.3V |
| C409 | 5322 122 31866 | 6800PF |
| C410 | 4822 124 41839 | 10μF/6.3V |
| C411 | 4822 124 41841 | 4.7μF/6.3V |
| C413 | 4822 121 41857 | 0.01μF/50V |
| C414 | 4822 122 32672 | 1μF/16V |
| C416 | 5322 126 10511 | 0.001μF |
| C417 | 4822 124 22727 | 47μF/16V |
| C418 | 4822 124 22727 | 47μF/16V |
| C419 | 4822 121 41857 | 0.01μF/50V |
| C421 | 4822 122 32701 | 0.022μF |
| C422 | 5322 126 10511 | 0.001μF |
| C423 | 4822 122 32701 | 0.022μF |
| C424 | 4822 124 22728 | 100μF/16V |
| C427 | 5322 126 10511 | 0.001μF |
| C428 | 4822 126 10147 | 680PF |
| C429 | 4822 124 41839 | 10μF/6.3V |
| C430 | 4822 122 33714 | 0.1μF |

DIODES

| | | |
|------|----------------|--------|
| D401 | 4822 130 81166 | 1SS184 |
|------|----------------|--------|

IC's

| | | |
|------|----------------|----------|
| IC41 | 4822 209 63131 | BA7751AF |
| IC42 | 4822 209 63132 | BA7755A |

CONNECTORS

| | | |
|------|----------------|--|
| J401 | 4822 267 31204 | |
| J402 | 4822 265 41073 | |
| J403 | 4822 267 31204 | |

COILS

| | | |
|------|----------------|----------|
| L401 | 4822 157 62729 | 15 MH |
| L402 | 4822 157 62729 | 15 MH |
| L403 | 4822 156 21615 | OSC COIL |
| L404 | 4822 157 62732 | 22 μH |
| L405 | 4822 157 62732 | 22 μH |
| L406 | 4822 157 62732 | 22 μH |

TRANSISTORS

| | | |
|------|----------------|------------|
| Q401 | 4822 130 60564 | 2SB956 (R) |
| Q402 | 4822 130 43398 | 2SC2712 GR |
| Q403 | 4822 130 43398 | 2SC2712 GR |
| Q404 | 4822 130 42733 | 2SA1162(G) |

RESISTORS

| | | |
|------|----------------|-------|
| R401 | 4822 051 30332 | 3.3KΩ |
| R402 | 4822 051 30102 | 1KΩ |
| R403 | 4822 051 30223 | 22KΩ |
| R404 | 4822 051 30223 | 22KΩ |
| R405 | 4822 051 30103 | 10KΩ |
| R406 | 4822 051 30103 | 10KΩ |
| R407 | 4822 051 30153 | 15KΩ |

| | | |
|------|----------------|------------|
| R408 | 4822 051 30332 | 3.3KΩ |
| R409 | 4822 051 30682 | 6.8KΩ |
| R410 | 4822 051 30683 | 68KΩ |
| R411 | 4822 051 30103 | 10KΩ |
| R413 | 4822 051 30105 | 1MΩ |
| R414 | 4822 051 30223 | 22KΩ |
| R416 | 4822 051 30471 | 470Ω |
| R418 | 4822 051 30103 | 10KΩ |
| R419 | 4822 051 30153 | 15KΩ |
| R420 | 4822 051 30222 | 2.2KΩ |
| R421 | 4822 051 30102 | 1KΩ |
| R422 | 4822 051 30479 | 47Ω |
| R423 | 4822 051 30331 | 330Ω |
| R424 | 4822 051 30334 | 330KΩ |
| R425 | 4822 051 30153 | 15KΩ |
| R427 | 4822 051 30109 | 10Ω |
| R428 | 4822 100 11609 | 47KΩ 1/10W |
| R429 | 4822 051 30103 | 10KΩ |
| R432 | 4822 051 30333 | 33KΩ |
| R433 | 4822 051 30332 | 3.3KΩ |
| R434 | 4822 051 30332 | 3.3KΩ |
| R437 | 4822 051 30683 | 68KΩ |
| R440 | 4822 116 82487 | 0Ω |
| R443 | 4822 051 30223 | 22KΩ |

Backlight Amp. control

CAPACITORS

| | | |
|------|----------------|-------------|
| C4A1 | 4822 124 41841 | 4.7μF/6.3V |
| C4A2 | 4822 126 12076 | 0.047μF/16V |
| C4A4 | 4822 122 32672 | 1μF/16V |
| C4A5 | 4822 126 12076 | 0.047μF/16V |
| C4A6 | 4822 124 23463 | 220U/10V |
| C4A7 | 4822 122 33714 | 0.1μF/5V |
| C4A8 | 4822 124 22728 | 100μF/16V |
| C4B0 | 4822 124 22727 | 47μF/16V |
| C4B2 | 4822 124 22728 | 100μF/16V |
| C4C2 | 4822 124 22727 | 47μF/16V |
| C4C3 | 4822 122 32672 | 1μF/16V |
| C4C4 | 4822 124 41839 | 10μF/6.3V |
| C4C5 | 4822 122 32672 | 1μF/16V |
| C4C6 | 5322 122 34098 | 0.01μF |
| C4C7 | 4822 122 33891 | 3300PF |

DIODES

| | | |
|------|----------------|--------|
| D4C1 | 4822 130 81166 | 1SS184 |
| D7K1 | 4822 130 82315 | 1SS181 |
| D7K2 | 4822 130 82315 | 1SS181 |

IC's

| | | |
|------|----------------|----------------------|
| IC4A | 4822 209 63129 | NJM386BM |
| IC4C | 4822 209 30223 | M5222FP-600A ELE VOL |

CONNECTORS

| | |
|------|----------------|
| J4A0 | 4822 265 30857 |
| J4C0 | 4822 267 31204 |
| J7K1 | 4822 265 30857 |
| J7U1 | 4822 265 30862 |
| J7U2 | 4822 265 30857 |
| J7U3 | 4822 267 31204 |
| J7U4 | 4822 267 31204 |
| J7U5 | 4822 265 20361 |
| J7U6 | 4822 267 31204 |

TRANSISTORS

| | | |
|------|----------------|----------------------|
| Q4A1 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q4A2 | 4822 130 43398 | 2SC2712 GR |
| Q4A3 | 4822 130 43398 | 2SC2712 GR |
| Q4A4 | 4822 130 43398 | 2SC2712 GR |

RESISTORS

| | | |
|------|----------------|-----------|
| R4B3 | 4822 051 30101 | 100Ω |
| R4B4 | 4822 051 30471 | 470Ω |
| R4B5 | 4822 116 82487 | 0Ω |
| R4B7 | 4822 051 30109 | 10Ω |
| R4B8 | 4822 051 30104 | 100KΩ |
| R4B9 | 4822 111 91019 | 150Ω 1/8W |
| R4C0 | 4822 111 91019 | 150Ω 1/8W |
| R4C1 | 4822 051 30759 | 75Ω |
| R4C2 | 4822 051 30154 | 150KΩ |
| R4C3 | 4822 051 30472 | 4.7KΩ |
| R4C7 | 4822 051 30472 | 4.7KΩ |
| R4C8 | 4822 051 30223 | 22KΩ |
| R4C9 | 4822 051 30682 | 6.8KΩ |
| R4D0 | 4822 051 30333 | 33KΩ |
| R4D2 | 4822 051 30472 | 4.7KΩ |
| R4D4 | 4822 051 30103 | 10KΩ |
| R4D5 | 4822 051 30683 | 68KΩ |
| R4D6 | 4822 051 30104 | 100KΩ |

| | | |
|------|----------------|-------|
| R4D7 | 4822 051 30102 | 1KΩ |
| R7U1 | 4822 051 30472 | 4.7KΩ |
| R7U3 | 4822 051 30332 | 3.3KΩ |
| R7U4 | 4822 051 30223 | 22KΩ |
| R7U6 | 4822 051 30471 | 470Ω |
| R7V4 | 4822 116 82487 | 0Ω |

SWITCHES

| | |
|------|----------------|
| S7K1 | 4822 276 12455 |
| S7K2 | 4822 276 12455 |
| S7K3 | 4822 276 12455 |
| S7K4 | 4822 276 12455 |

CAPACITORS

| | | |
|------|----------------|-------------|
| C1F0 | 4822 124 22728 | 100μF / 16V |
| C1F1 | 4822 121 20256 | 0.068μF |
| C1F2 | 4822 125 60184 | 22PF |
| C1F3 | 4822 125 60184 | 22PF |
| C1F4 | 4822 124 22728 | 100μF / 16V |

FUSE

| | | |
|------|----------------|---------|
| F1F0 | 4822 252 31046 | FUSE 1A |
|------|----------------|---------|

CONNECTORS

| | | |
|------|----------------|-------|
| J1F0 | 4822 267 31477 | |
| J1F1 | 4822 265 20566 | 2-PIN |
| J1F2 | 4822 265 20566 | 2-PIN |

COILS

| | |
|------|----------------|
| L1F0 | 4822 157 53865 |
|------|----------------|

TRANSFORMER

| | | |
|------|----------------|-----------|
| T1F0 | 4822 146 21664 | TRANS. FO |
|------|----------------|-----------|

TRANSISTORS

| | | |
|------|----------------|-----------|
| Q1F0 | 4822 130 63003 | 2SD1803-S |
| Q1F1 | 4822 130 63003 | 2SD1803-S |

RESISTORS

| | | |
|------|----------------|------|
| R1F0 | 4822 051 30103 | 10KΩ |
| R1F1 | 4822 051 30103 | 10KΩ |
| R1F2 | 4822 051 30103 | 10KΩ |
| R1F3 | 4822 051 30103 | 10KΩ |

Chroma Decoder, Sync

TRANSISTORS

| | | |
|------|----------------|------------|
| Q8A3 | 4822 130 43398 | 2SC2712 GR |
| Q8A4 | 4822 130 43398 | 2SC2712 GR |
| Q8A5 | 4822 130 43398 | 2SC2712 GR |
| Q8A6 | 4822 130 43398 | 2SC2712 GR |
| Q8A7 | 4822 130 43398 | 2SC2712 GR |
| Q8A8 | 4822 130 61799 | DTA144TK |
| Q8A9 | 4822 130 43398 | 2SC2712 GR |
| Q8C0 | 4822 130 43398 | 2SC2712 GR |
| Q8C1 | 4822 130 43398 | 2SC2712 GR |
| Q8C2 | 4822 130 43398 | 2SC2712 GR |
| Q8C3 | 4822 130 43398 | 2SC2712 GR |
| Q8C4 | 4822 130 43398 | 2SC2712 GR |
| Q8C7 | 4822 130 43398 | 2SC2712 GR |
| Q8C8 | 4822 130 43398 | 2SC2712 GR |
| Q8C9 | 4822 130 43398 | 2SC2712 GR |

RESISTORS

| | | |
|------|----------------|-------------------|
| R8A1 | 4822 051 30102 | 1K Ω |
| R8A2 | 4822 051 30472 | 4.7K Ω |
| R8A3 | 4822 051 30153 | 15K Ω |
| R8A4 | 4822 051 30152 | 1.5K Ω |
| R8A5 | 4822 051 30103 | 10K Ω |
| R8A6 | 4822 051 30561 | 560 Ω |
| R8A7 | 4822 051 30332 | 3.3K Ω |
| R8A8 | 4822 051 30103 | 10K Ω |
| R8A9 | 4822 051 30103 | 10K Ω |
| R8C0 | 4822 051 30332 | 3.3K Ω |
| R8C2 | 4822 051 30473 | 47K Ω |
| R8C3 | 4822 051 30153 | 15K Ω |
| R8C4 | 4822 100 11608 | 10K Ω 1/10 |
| R8C5 | 4822 051 30333 | 33K Ω |
| R8C6 | 4822 051 30471 | 470 Ω |
| R8C7 | 4822 051 30104 | 100K Ω |
| R8C8 | 4822 051 30153 | 15K Ω |
| R8D0 | 4822 051 30103 | 10K Ω |
| R8D2 | 4822 051 30105 | 1M Ω |
| R8D3 | 4822 051 30223 | 22K Ω |
| R8D4 | 4822 051 30105 | 1M Ω |
| R8D5 | 4822 051 30223 | 22K Ω |
| R8D6 | 4822 051 30105 | 1M Ω |
| R8D7 | 4822 051 30223 | 22K Ω |
| R8D8 | 4822 051 30332 | 3.3K Ω |
| R8D9 | 4822 051 30224 | 220K Ω |
| R8E0 | 4822 051 30153 | 15K Ω |
| R8E1 | 4822 051 30154 | 150K Ω |
| R8E2 | 4822 051 30152 | 1.5K Ω |
| R8F1 | 4822 051 30223 | 22K Ω |
| R8F2 | 4822 051 30223 | 22K Ω |
| R8F3 | 4822 051 30102 | 1K Ω |
| R8F4 | 4822 051 30102 | 1K Ω |
| R8F5 | 4822 051 30102 | 1K Ω |
| R8F6 | 4822 051 30332 | 3.3K Ω |
| R8F7 | 4822 051 30331 | 330 Ω |
| R8F8 | 4822 051 30471 | 470 Ω |
| R8F9 | 4822 051 30333 | 33K Ω |
| R8G0 | 4822 051 30223 | 22K Ω |
| R8G1 | 4822 051 30102 | 1K Ω |
| R8G2 | 4822 051 30102 | 1K Ω |
| R8G3 | 4822 051 30102 | 1K Ω |
| R8G4 | 4822 051 30102 | 1K Ω |
| R8G5 | 4822 051 30333 | 33K Ω |
| R8G6 | 4822 051 30102 | 1K Ω |
| R8G7 | 4822 051 30331 | 330 Ω |
| R8G8 | 4822 051 30102 | 1K Ω |
| R8G9 | 4822 100 11604 | 1K Ω |
| R8H0 | 4822 051 30472 | 4.7K Ω |
| R8H1 | 4822 051 30152 | 1.5K Ω |

| | | |
|------|----------------|---------------|
| R8H2 | 4822 051 30154 | 150K Ω |
| R8H3 | 4822 051 30473 | 47K Ω |
| R8H4 | 4822 051 30152 | 1.5K Ω |
| R8H5 | 4822 051 30331 | 330 Ω |
| R8H6 | 4822 051 30102 | 1K Ω |
| R8H7 | 4822 051 30223 | 22K Ω |
| R8H8 | 4822 051 30223 | 22K Ω |
| R8H9 | 4822 051 30222 | 2.2K Ω |
| R8J0 | 4822 051 30333 | 33K Ω |
| R8J1 | 4822 051 30684 | 680 Ω |
| R8J2 | 4822 051 30331 | 330 Ω |
| R8J3 | 4822 051 30102 | 1K Ω |
| R8J4 | 4822 051 30223 | 22K Ω |
| R8J5 | 4822 051 30223 | 22K Ω |
| R8J6 | 4822 051 30222 | 2.2K Ω |
| R8J7 | 4822 051 30333 | 33K Ω |
| R8J8 | 4822 051 30684 | 680 Ω |
| R8J9 | 4822 051 30152 | 1.5K Ω |
| R8K0 | 4822 051 30102 | 1K Ω |
| R8K1 | 4822 051 30682 | 6.8K Ω |
| R8K2 | 4822 051 30153 | 15K Ω |
| R8K3 | 4822 051 30332 | 3.3K Ω |
| R8K6 | 4822 051 30102 | 1K Ω |
| R8K7 | 4822 051 30102 | 1K Ω |
| R8K8 | 4822 051 30222 | 2.2K Ω |
| R8K9 | 4822 051 30102 | 1K Ω |
| R8L1 | 4822 051 30683 | 68K Ω |
| R8L2 | 4822 051 30682 | 6.8K Ω |
| R8L3 | 4822 051 30103 | 10K Ω |
| R8M1 | 4822 051 30104 | 100K Ω |
| R8M2 | 4822 051 30332 | 3.3K Ω |
| R8M3 | 4822 051 30223 | 22K Ω |
| R8M5 | 4822 051 30105 | 1M Ω |
| R8M6 | 4822 051 30223 | 22K Ω |
| R8M7 | 4822 051 30102 | 1K Ω |
| R8M9 | 4822 051 30105 | 1M Ω |
| R8N6 | 4822 051 30221 | 220 Ω |
| R8N7 | 4822 051 30105 | 1M Ω |
| R8N8 | 4822 051 30105 | 1M Ω |
| R8N9 | 4822 051 30105 | 1M Ω |
| R8P0 | 4822 051 30223 | 22K Ω |
| R8P1 | 4822 051 30223 | 22K Ω |
| R8P2 | 4822 051 30222 | 2.2K Ω |
| R8P4 | 4822 051 30222 | 2.2K Ω |
| R8P5 | 4822 051 30223 | 22K Ω |
| R8P6 | 4822 051 30223 | 22K Ω |
| R8P7 | 4822 051 30222 | 2.2K Ω |
| R8P9 | 4822 051 30222 | 2.2K Ω |
| R8Q0 | 4822 051 30223 | 22K Ω |
| R8Q1 | 4822 051 30223 | 22K Ω |
| R8Q2 | 4822 051 30222 | 2.2K Ω |
| R8Q4 | 4822 051 30222 | 2.2K Ω |
| R8Q5 | 4822 051 30103 | 10K Ω |
| R8Q7 | 4822 051 30103 | 10K Ω |
| R8Q8 | 4822 051 30682 | 6.8K Ω |
| R8Q9 | 4822 051 30104 | 100K Ω |
| R8R0 | 4822 051 30683 | 68K Ω |
| R8R1 | 4822 051 30153 | 15K Ω |
| R8R2 | 4822 051 30103 | 10K Ω |
| R8R3 | 4822 051 30223 | 22K Ω |
| R8R4 | 4822 051 30153 | 15K Ω |
| R8R5 | 4822 051 30153 | 15K Ω |
| R8R6 | 4822 051 30222 | 2.2K Ω |
| R8R7 | 4822 051 30472 | 4.7K Ω |

CRYSTAL

| | | |
|------|----------------|-------------------|
| X8A1 | 4822 242 72593 | CRYSTAL RESONATOR |
|------|----------------|-------------------|

Croma Decoder, Sync

CAPACITORS

| | | |
|------|----------------|---------------|
| C8A2 | 4822 122 32672 | 1μF/16V |
| C8A3 | 4822 126 10147 | 680PF |
| C8A4 | 5322 122 32448 | 10PF |
| C8A5 | 5322 122 32658 | 22PF |
| C8A7 | 4822 122 33515 | 82PF |
| C8A8 | 5322 122 34098 | 0.01μF |
| C8A9 | 5322 122 34098 | 0.01μF |
| C8C0 | 4822 122 32672 | 1μF/16V |
| C8C1 | 4822 124 41839 | 10μF/6.3V |
| C8C2 | 4822 124 41841 | 4.7 μF / 6.3V |
| C8C3 | 4822 122 33714 | 0.1 μF/25V |
| C8C5 | 4822 122 32672 | 1μF/16V |
| C8C6 | 5322 122 32531 | 100PF |
| C8C8 | 4822 124 41841 | 4.7 μF / 6.3V |
| C8C9 | 4822 124 41841 | 4.7 μF / 6.3V |
| C8D0 | 4822 124 41841 | 4.7 μF / 6.3V |
| C8D1 | 4822 122 33714 | 0.1 μF |
| C8D2 | 4822 122 33714 | 0.1 μF/25V |
| C8D3 | 4822 122 33714 | 0.1 μF/25V |
| C8D4 | 4822 122 33714 | 0.1 μF/25V |
| C8D5 | 4822 122 32672 | 1μF/16V |
| C8D6 | 4822 122 33709 | 3PF |
| C8D7 | 4822 122 32672 | 1μF/16V |
| C8D8 | 4822 122 33709 | 3PF |
| C8D9 | 4822 122 32672 | 1μF/16V |
| C8E0 | 4822 122 33709 | 3PF |
| C8E1 | 4822 122 33714 | 0.1 μF/25V |
| C8E2 | 4822 122 33714 | 0.1 μF/25V |
| C8E3 | 4822 124 22728 | 100μF/ 16V |
| C8E4 | 5322 122 34098 | 0.01μF |
| C8E5 | 4822 126 12128 | 16PF |
| C8E6 | 4822 122 33714 | 0.1μF |
| C8E8 | 4822 122 32672 | 1μF/16V |
| C8E9 | 5322 122 34098 | 0.01μF |
| C8F0 | 4822 122 33714 | 0.1 μF/25V |
| C8F1 | 4822 124 22728 | 100μF/16V |
| C8F2 | 4822 124 22727 | 47μF/16V |
| C8F3 | 5322 122 32659 | 33PF |
| C8F4 | 4822 122 33805 | 330PF |
| C8F5 | 4822 124 41839 | 10μF/6.3V |
| C8F6 | 4822 122 33805 | 330PF |
| C8F7 | 4822 122 32701 | 0.022μF |
| C8F8 | 4822 122 32701 | 0.022μF |
| C8F9 | 4822 122 32701 | 0.022μF |
| C8G1 | 4822 122 33714 | 0.1 μF/25V |
| C8G2 | 4822 122 33714 | 0.1 μF/25V |
| C8G3 | 5322 122 32658 | 22PF |
| C8G4 | 5322 122 32658 | 22PF |
| C8G5 | 5322 126 10511 | 0.001μF |
| C8G6 | 5322 126 10794 | 220PF |
| C8G7 | 4822 122 32672 | 1μF/16V |
| C8G8 | 4822 122 33714 | 0.1μF |
| C8G9 | 5322 126 10794 | 220PF |
| C8H0 | 4822 122 32672 | 1μF/16V |
| C8H1 | 5322 126 10511 | 0.001μF |
| C8H2 | 5322 122 32658 | 22PF |
| C8H3 | 5322 122 32658 | 22PF |
| C8H4 | 5322 122 34098 | 0.01μF |
| C8H5 | 4822 122 33714 | 0.1 μF/25V |
| C8H8 | 5322 126 10511 | 0.001μF |
| C8H9 | 5322 126 10511 | 0.001μF |
| C8J0 | 5322 126 10511 | 0.001μF |
| C8J1 | 4822 122 32701 | 0.022μF |
| C8J2 | 4822 122 32701 | 0.022μF |
| C8J3 | 5322 122 34098 | 0.01μF |
| C8J4 | 5322 122 34098 | 0.01μF |
| C8J5 | 5322 126 10511 | 0.001μF |
| C8J6 | 5322 122 32452 | 47PF |
| C8J7 | 5322 126 10511 | 1000PF |

| | | |
|------|----------------|-------------|
| C8J9 | 4822 124 41839 | 10μF/6.3V |
| C8K1 | 4822 122 33714 | 0.1 μF/25V |
| C8K2 | 5322 122 32659 | 33PF |
| C8K3 | 5322 122 32531 | 100PF |
| C8K4 | 4822 122 33714 | 0.1 μF/25V |
| C8K5 | 5322 122 34099 | 470PF |
| C8K6 | 4822 126 12076 | 0.047μF/16V |
| C8K8 | 4822 124 41839 | 10μF/6.3V |
| C8K9 | 4822 124 41839 | 10μF/6.3V |
| C8L0 | 4822 124 41839 | 10μF/6.3V |
| C8M0 | 4822 122 32672 | 1μF/16V |
| C8M1 | 4822 122 32672 | 1μF/16V |
| C8M2 | 4822 122 33714 | 0.1 μF/25V |
| C8M3 | 4822 122 33714 | 0.1 μF/25V |
| C8M5 | 4822 122 33714 | 0.1 μF/25V |
| C8M6 | 4822 122 33714 | 0.1 μF/25V |
| C8M7 | 4822 122 33714 | 0.1 μF/25V |
| C8M8 | 4822 122 33714 | 0.1 μF/25V |
| C8M9 | 4822 122 33714 | 0.1 μF/25V |
| C8N0 | 5322 122 32452 | 47PF CH |
| C8N1 | 5322 122 32452 | 47PF CH |
| C8N2 | 5322 122 32452 | 47PF CH |
| C8N3 | 5322 122 34098 | 0.01μF |

DIODES

| | | |
|------|----------------|--------|
| D8A2 | 4822 130 81089 | 1SS226 |
| D8A3 | 4822 130 81089 | 1SS226 |
| D8A4 | 4822 130 81166 | 1SS184 |
| D8A5 | 4822 130 81166 | 1SS184 |
| D8A6 | 4822 130 81166 | 1SS184 |

FILTERS

| | | |
|------|----------------|----------------------|
| FL8A | 4822 242 72589 | LC FILTER NLT4532-S4 |
| FL8C | 4822 320 50173 | EFD-VN645A41C |

IC's

| | | |
|------|----------------|--------------------|
| IC8A | 4822 209 61643 | M52003AFP |
| IC8C | 4822 209 61644 | M51404AFP |
| IC8D | 4822 209 60334 | CHIP LOGIC TC4S81F |
| IC8E | 4822 209 11502 | TC4081BF |
| IC8F | 4822 209 73911 | INVERTER 4069UBF |

CONNECTORS

| | | |
|------|----------------|------|
| J8A1 | 4822 265 20504 | |
| J8A2 | 4822 265 20565 | |
| J8A3 | 4822 265 61241 | |
| J8A4 | 4822 265 30962 | |
| J8A5 | 4822 265 30857 | 4PIN |

COILS

| | | |
|------|----------------|------|
| L8A1 | 4822 157 53876 | |
| L8A2 | 4822 157 60423 | |
| L8A3 | 4822 157 53874 | |
| L8A4 | 4822 157 62319 | |
| L8A5 | 4822 157 53876 | 33μH |
| L8A6 | 4822 157 60425 | |
| L8A7 | 4822 157 60422 | |
| L8A8 | 4822 157 60422 | |
| L8A9 | 4822 157 60422 | |
| L8C0 | 4822 157 60421 | |
| L8C1 | 4822 157 53875 | |
| L8C2 | 4822 157 53876 | |

Servo/Driver/System/Control

CAPACITORS

| | | |
|------|----------------|--------------|
| C201 | 4822 122 32672 | 1μF/16V |
| C202 | 5322 126 10511 | 0.001μF |
| C203 | 5322 126 10511 | 0.001μF |
| C204 | 4822 122 32672 | 1μF/16V |
| C205 | 5322 122 34099 | 470PF |
| C206 | 4822 124 22727 | 47μF/16V |
| C207 | 4822 122 32672 | 1μF/16V |
| C208 | 4822 122 32672 | 1μF/16V |
| C209 | 4822 124 22727 | 47μF/16V |
| C210 | 4822 124 22727 | 47μF/16V |
| C211 | 4822 126 12076 | 0.047μF/16V |
| C212 | 5322 122 34098 | 0.01μF |
| C213 | 4822 122 32672 | 1μF/16V |
| C214 | 4822 124 22727 | 47μF/16V |
| C215 | 5322 122 32531 | 100PF |
| C216 | 4822 124 22727 | 47μF/16V |
| C217 | 4822 122 33714 | 0.1μF/25V |
| C218 | 5322 122 32531 | 100PF |
| C219 | 5322 122 32531 | 100PF |
| C221 | 5322 122 34098 | 0.01μF |
| C222 | 4822 126 12076 | 0.047μF/16V |
| C223 | 5322 126 10223 | 4700PF |
| C224 | 4822 124 22727 | 47μF/16V |
| C225 | 4822 124 22727 | 47μF/16V |
| C226 | 4822 126 12076 | 0.047μF/16V |
| C227 | 4822 124 22727 | 47μF/16V |
| C228 | 4822 124 22727 | 47μF/16V |
| C229 | 4822 122 33127 | 2200PF |
| C230 | 5322 126 10511 | 0.001μF |
| C231 | 4822 126 12076 | 0.047μF/16V |
| C232 | 4822 124 23467 | 2.2μF/35V BP |
| C233 | 5322 122 32531 | 100PF |
| C234 | 5322 126 10511 | 0.001μF |
| C235 | 4822 122 32672 | 1μF/16V |
| C236 | 4822 124 22727 | 47μF/16V |
| C237 | 4822 124 22727 | 47μF/16V |
| C238 | 4822 124 22727 | 47μF/16V |
| C239 | 4822 124 22728 | 100μF/16V |
| C240 | 5322 122 34098 | 0.01μF |
| C241 | 4822 122 32672 | 1μF/16V |
| C242 | 4822 122 32672 | 1μF/16V |
| C243 | 5322 122 34098 | 0.01μF |
| C244 | 4822 124 41839 | 10μF/6.3V |
| C245 | 4822 122 33714 | 0.1μF/25V |
| C246 | 4822 121 43526 | 0.047μF/50V |
| C247 | 5322 122 34098 | 0.01μF |
| C248 | 4822 122 32672 | 1μF/16V |
| C249 | 5322 122 32659 | 33PF |
| C250 | 5322 122 32659 | 33PF |
| C251 | 4822 124 22727 | 47μF/16V |
| C252 | 4822 124 22727 | 47μF/16V |
| C253 | 4822 124 22726 | 4.7μF/35V |
| C254 | 4822 124 22726 | 4.7μF/35V |
| C255 | 4822 124 22726 | 4.7μF/35V |
| C256 | 4822 124 22727 | 47μF/16V |
| C257 | 5322 126 10223 | 4700PF |
| C258 | 5322 126 10223 | 4700PF |
| C259 | 5322 126 10223 | 4700PF |
| C260 | 4822 124 23127 | 0.47μF/35V |
| C261 | 4822 124 23127 | 0.47μF/35V |
| C262 | 4822 124 23127 | 0.47μF/35V |
| C263 | 4822 124 22727 | 47μF/16V |
| C264 | 5322 122 34098 | 0.01μF |
| C265 | 4822 122 33714 | 0.1μF/25V |
| C266 | 5322 122 34098 | 0.01μF |
| C267 | 4822 122 33714 | 0.1μF/25V |
| C268 | 5322 122 34098 | 0.01μF |
| C269 | 4822 122 33714 | 0.1μF/25V |

| | | |
|------|----------------|-------------|
| C270 | 4822 124 22728 | 100μF/16V |
| C271 | 4822 124 22727 | 47μF/16V |
| C272 | 4822 126 12076 | 0.047μF/16V |
| C273 | 4822 124 22727 | 47μF/16V |
| C274 | 4822 122 33714 | 0.1μF/25V |
| C275 | 4822 126 12076 | 0.047μF/16V |
| C276 | 4822 126 12076 | 0.047μF/16V |
| C601 | 4822 124 22727 | 47μF/16V |
| C602 | 4822 122 33714 | 0.1μF/25V |
| C603 | 4822 124 22726 | 4.7μF/35V |
| C604 | 4822 122 33714 | 0.1μF/25V |
| C605 | 4822 122 32672 | 1μF/16V |
| C606 | 4822 122 32672 | 1μF/16V |
| C607 | 5322 122 31866 | 6800PF |
| C608 | 4822 122 33714 | 0.1μF/25V |
| C609 | 4822 124 22727 | 47μF/16V |
| C610 | 4822 122 33714 | 0.1μF/25V |
| C611 | 4822 122 33714 | 0.1μF/25V |
| C612 | 4822 122 32672 | 1μF/16V |
| C613 | 4822 124 22728 | 100μF/16V |
| C614 | 4822 124 22728 | 100μF/16V |
| C621 | 4822 122 33805 | 330PF |
| C622 | 5322 122 32658 | 22PF |
| C623 | 5322 122 32659 | 33PF |
| C624 | 5322 122 32659 | 33PF |
| C625 | 5322 122 34098 | 0.01μF |
| C626 | 4822 122 32672 | 1μF/16V |
| C627 | 4822 122 33714 | 0.1μF/25V |
| C628 | 5322 122 34098 | 0.01μF |
| C629 | 4822 122 33714 | 0.1μF/25V |
| C632 | 4822 124 23463 | 220U/10V |
| C633 | 4822 122 33714 | 0.1μF/25V |
| C634 | 5322 126 10511 | 0.001μF |
| C635 | 5322 126 10511 | 0.001μF |
| C636 | 5322 122 34098 | 0.01μF |

DIODES

| | | |
|------|----------------|--------|
| D201 | 4822 130 81089 | 1SS226 |
| D204 | 4822 130 81166 | 1SS184 |
| D205 | 4822 130 81166 | 1SS184 |
| D206 | 4822 130 81166 | 1SS184 |
| D207 | 4822 130 81089 | 1SS226 |
| D208 | 4822 130 81089 | 1SS226 |
| D209 | 4822 130 81166 | 1SS184 |
| D210 | 4822 130 81166 | 1SS184 |
| D211 | 4822 130 81166 | 1SS184 |
| D212 | 4822 130 80728 | MA121 |
| D601 | 4822 130 81166 | 1SS184 |
| D602 | 4822 130 81166 | 1SS184 |
| D603 | 4822 130 81166 | 1SS184 |
| D604 | 4822 130 82315 | 1SS181 |
| D605 | 4822 130 82315 | 1SS181 |
| D606 | 4822 130 81166 | 1SS184 |
| D607 | 4822 130 81166 | 1SS184 |
| D608 | 4822 130 82315 | 1SS181 |
| D609 | 4822 130 81166 | 1SS184 |
| D610 | 4822 130 81166 | 1SS184 |
| D611 | 4822 130 81166 | 1SS184 |
| D621 | 4822 130 81166 | 1SS184 |
| D622 | 4822 130 81166 | 1SS184 |
| D623 | 4822 130 81166 | 1SS184 |
| D624 | 4822 130 81166 | 1SS184 |
| D625 | 4822 130 82315 | 1SS181 |
| D627 | 4822 130 81166 | 1SS184 |
| D629 | 4822 130 81166 | 1SS184 |

IC's

| | | |
|------|----------------|-------------|
| IC21 | 4822 209 63135 | MN67461VDJF |
|------|----------------|-------------|

Servo/Driver/System/Control

| | | |
|------|----------------|-------------|
| IC22 | 4822 209 61968 | AN3798NS |
| IC23 | 4822 209 63136 | MN1551VYJS4 |
| IC24 | 4822 209 71455 | TA8402F |
| IC26 | 4822 209 62168 | AN3841SR |
| IC61 | 4822 209 81616 | M54543L |
| IC62 | 4822 209 63134 | MN15361VYF |
| IC63 | 4822 209 70108 | BA10393F |
| IC64 | 4822 209 72842 | UPD4094BG |

CONNECTORS

| | | |
|------|----------------|-------|
| J201 | 4822 267 31204 | 10PIN |
| J202 | 4822 265 41215 | |
| J203 | 4822 265 30963 | |
| J204 | 4822 265 41075 | |
| J211 | 4822 267 31204 | |
| J601 | 4822 265 20361 | 2PIN |
| J602 | 4822 267 51022 | |
| J604 | 4822 265 20504 | |
| J605 | 4822 267 31204 | |
| J611 | 4822 265 51329 | |
| J613 | 4822 265 41216 | 18PIN |
| J615 | 4822 265 30858 | 3PIN |

COILS

| | | |
|------|----------------|-------------|
| L601 | 4822 157 62723 | 100 μ H |
|------|----------------|-------------|

TRANSISTORS

| | | |
|------|----------------|----------------------|
| Q204 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q205 | 4822 130 61884 | RN1404 |
| Q206 | 4822 130 60564 | 2SB956 (R) |
| Q207 | 4822 130 60564 | 2SB956 (R) |
| Q208 | 4822 130 60564 | 2SB956 (R) |
| Q601 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q602 | 4822 130 43398 | 2SC2712 GR |
| Q603 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q604 | 4822 130 61884 | RN1404 |
| Q605 | 4822 130 60335 | 2SA1037K (FR) |
| Q606 | 4822 130 61884 | RN1404 |
| Q607 | 4822 130 61884 | RN1404 |
| Q608 | 4822 130 61884 | RN1404 |
| Q609 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q610 | 4822 130 60734 | 2SC2411K (R) |
| Q611 | 4822 130 61537 | 2SC2412K R |
| Q612 | 4822 130 43522 | 2SB779 |
| Q613 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q614 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q615 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q616 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q617 | 4822 130 43398 | 2SC2712 GR |
| Q618 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q619 | 4822 130 61884 | RN1404 |
| Q621 | 4822 130 61884 | RN1404 |
| Q622 | 4822 130 61884 | RN1404 |
| Q623 | 4822 130 61884 | RN1404 |
| Q631 | 4822 130 61884 | RN1404 |
| Q632 | 4822 130 61884 | RN1404 |
| Q633 | 4822 130 61884 | RN1404 |
| Q637 | 4822 130 43522 | 2SB779 |
| Q638 | 4822 130 61884 | RN1404 |
| Q640 | 4822 130 61884 | RN1404 |

RESISTORS

| | | |
|------|----------------|---------------|
| R201 | 4822 051 30102 | 1K Ω |
| R202 | 4822 051 30472 | 4.7K Ω |
| R203 | 4822 051 30105 | 1M Ω |

| | | |
|------|----------------|-------------------|
| R204 | 4822 051 30104 | 100K Ω |
| R207 | 4822 051 30221 | 220 Ω |
| R208 | 4822 051 30222 | 2.2K Ω |
| R209 | 4822 051 30102 | 1K Ω |
| R210 | 4822 051 30102 | 1K Ω |
| R211 | 4822 051 30104 | 100K Ω |
| R212 | 4822 051 30104 | 100K Ω |
| R213 | 4822 051 30104 | 100K Ω |
| R214 | 4822 051 30104 | 100K Ω |
| R215 | 4822 051 30473 | 47K Ω |
| R216 | 4822 051 30154 | 150K Ω |
| R217 | 4822 051 30332 | 3.3K Ω |
| R218 | 4822 051 30333 | 33K Ω |
| R219 | 4822 051 30154 | 150K Ω |
| R220 | 4822 051 30224 | 220K Ω |
| R221 | 4822 051 30683 | 68K Ω |
| R222 | 4822 051 30103 | 10K Ω |
| R223 | 4822 051 30154 | 150K Ω |
| R224 | 4822 051 30103 | 10K Ω |
| R225 | 4822 051 30153 | 15K Ω |
| R226 | 4822 051 30103 | 10K Ω |
| R227 | 4822 051 30103 | 10K Ω |
| R228 | 4822 051 30683 | 68K Ω |
| R229 | 4822 051 30221 | 220 Ω |
| R231 | 4822 051 30153 | 15K Ω |
| R232 | 4822 051 30334 | 330K Ω |
| R233 | 4822 051 30473 | 47K Ω |
| R234 | 4822 051 30334 | 330K Ω |
| R235 | 4822 051 30473 | 47K Ω |
| R236 | 4822 051 30105 | 1M Ω |
| R237 | 4822 051 30103 | 10K Ω |
| R238 | 4822 051 30223 | 22K Ω |
| R239 | 4822 051 30223 | 22K Ω |
| R240 | 4822 051 30102 | 1K Ω |
| R241 | 4822 051 30223 | 22K Ω |
| R242 | 4822 051 30152 | 1.5K Ω |
| R243 | 4822 051 30332 | 3.3K Ω |
| R245 | 4822 051 30333 | 33K Ω |
| R246 | 4822 100 11634 | 100K Ω |
| R249 | 4822 051 30332 | 3.3K Ω |
| R250 | 4822 051 30102 | 1K Ω |
| R251 | 4822 051 30153 | 15K Ω |
| R252 | 4822 051 30229 | 22 Ω |
| R253 | 4822 051 30229 | 22 Ω |
| R254 | 4822 051 30229 | 22 Ω |
| R255 | 4822 111 91007 | 2.2 Ω 1/8W |
| R256 | 4822 116 82712 | 1.8 Ω 1/8W |
| R257 | 4822 116 82712 | 1.8 Ω 1/8W |
| R258 | 4822 051 30103 | 10K Ω |
| R259 | 4822 051 30103 | 10K Ω |
| R260 | 4822 051 30103 | 10K Ω |
| R261 | 4822 051 30682 | 6.8K Ω |
| R262 | 4822 051 30682 | 6.8K Ω |
| R266 | 4822 051 30221 | 220 Ω |
| R267 | 4822 051 30682 | 6.8K Ω |
| R268 | 4822 051 30683 | 68K Ω |
| R269 | 4822 051 30334 | 330K Ω |
| R270 | 4822 051 30101 | 100 Ω |
| R271 | 4822 051 30471 | 470 Ω |
| R273 | 4822 116 82487 | 0 Ω |
| R274 | 4822 116 82712 | 1.8 Ω 1/8W |
| R275 | 4822 116 82712 | 1.8 Ω 1/8W |
| R277 | 4822 116 82711 | 1 Ω 1/8W |
| R6A0 | 4822 051 30104 | 100K Ω |
| R6A7 | 4822 051 30473 | 47K Ω |
| R6A9 | 4822 051 30102 | 1K Ω |
| R6C0 | 4822 051 30102 | 1K Ω |
| R6C1 | 4822 051 30102 | 1K Ω |
| R6K2 | 4822 051 30103 | 10K Ω |
| R6K3 | 4822 051 30103 | 10K Ω |
| R601 | 4822 051 30473 | 47K Ω |

Head Amplifier

CAPACITORS

| | | |
|------|----------------|-----------|
| C3H1 | 5322 122 34098 | 0.01μF |
| C3H2 | 5322 122 32448 | 10PF |
| C3H3 | 5322 122 34098 | 0.01μF |
| C3H4 | 5322 122 32448 | 10PF |
| C3H6 | 4822 122 32672 | 1μF/16V |
| C3H7 | 5322 122 34098 | 0.01μF |
| C3H8 | 4822 124 22727 | 47μF/16V |
| C3H9 | 4822 122 32672 | 1μF/16V |
| C3J2 | 5322 122 34098 | 0.01μF |
| C3J3 | 5322 122 32448 | 10PF |
| C3J4 | 5322 122 34098 | 0.01μF |
| C3J5 | 5322 122 32448 | 10PF |
| C3J6 | 4822 122 32672 | 1μF/16V |
| C3J9 | 5322 122 34098 | 0.01μF |
| C3K1 | 5322 122 32531 | 100PF |
| C3K3 | 5322 122 34098 | 0.01μF |
| C3K4 | 5322 122 34098 | 0.01μF |
| C3K5 | 4822 124 22727 | 47μF/16V |
| C3K6 | 5322 122 32531 | 100PF |
| C3K7 | 5322 122 32531 | 100PF |
| C3K8 | 5322 122 32531 | 100PF |
| C3K9 | 5322 122 32531 | 100PF |
| C3L1 | 5322 122 34098 | 0.01μF |
| C3L2 | 5322 126 10223 | 4700PF |
| C3L3 | 5322 122 34098 | 0.01μF |
| C3L4 | 5322 126 10223 | 4700PF |
| C3L5 | 4822 122 33714 | 0.1μF/25V |
| C3L6 | 4822 124 22728 | 100μF/16V |
| C3L7 | 5322 122 34098 | 0.01μF |
| C3L8 | 5322 122 34098 | 0.01μF |
| C3L9 | 4822 124 41839 | 10μF/6.3V |
| C3M1 | 5322 122 32659 | 33PF |
| C3M2 | 5322 126 10794 | 220PF |
| C3M3 | 5322 122 32452 | 47PF |
| C3M4 | 5322 122 32658 | 22PF |
| C3M6 | 5322 122 32452 | 47PF |
| C3M7 | 4822 122 32672 | 1μF/16V |
| C3M8 | 5322 122 34098 | 0.01 |
| C3M9 | 4822 122 33514 | 68PF |
| C3N4 | 5322 122 32658 | 22PF |
| C3N5 | 4822 126 10006 | 7PF |
| C3N6 | 4822 126 10147 | 680PF |
| C3N7 | 5322 122 32658 | 22PF |
| C3N9 | 5322 122 34098 | 0.01μF |
| C3P1 | 5322 122 32531 | 100PF |
| C3P3 | 5322 122 34098 | 0.01μF |
| C3P4 | 4822 122 32672 | 1μF/16V |
| C3P6 | 5322 122 34098 | 0.01μF |
| C3P7 | 5322 122 34098 | 0.01μF |
| C3P8 | 4822 122 33714 | 0.1μF/25V |
| C3P9 | 5322 122 32658 | 22PF |
| C3Q1 | 5322 122 32531 | 100PF |
| C3Q2 | 5322 122 33538 | 150PF |

DIODES

| | | |
|------|----------------|--------|
| D3H1 | 4822 130 82315 | 1SS181 |
| D3H2 | 4822 130 82315 | 1SS181 |
| D3H3 | 4822 130 81166 | 1SS184 |

CONNECTORS

| | | |
|------|----------------|-------|
| J3H1 | 4822 265 30966 | |
| J3H2 | 4822 265 41213 | 10PIN |
| J3H3 | 4822 265 41214 | 12PIN |
| L3H5 | 4822 157 63879 | |

COILS

| | | |
|------|----------------|--------|
| L3H1 | 4822 157 53875 | |
| L3H2 | 4822 157 62732 | 22 μH |
| L3H3 | 4822 157 53874 | |
| L3H4 | 4822 157 53874 | |
| L3H6 | 4822 157 53875 | |
| L3H7 | 4822 157 62732 | 22 μH |
| L3H8 | 4822 157 53876 | |
| L3H9 | 4822 157 62732 | 22 μH |
| L3J1 | 4822 157 60178 | |
| L3J2 | 4822 157 60178 | |
| L3J3 | 4822 157 53873 | 100 μH |
| L3J5 | 4822 157 53872 | |
| L3J6 | 4822 157 62725 | 12 μH |

IC's

| | | |
|------|----------------|-----------|
| IC33 | 4822 209 61966 | AN3346FBP |
|------|----------------|-----------|

TRANSISTORS

| | | |
|------|----------------|----------------------|
| Q3H1 | 4822 130 43398 | 2SC2712 GR |
| Q3H2 | 4822 130 61424 | 2SC 2714 O |
| Q3H4 | 4822 130 60564 | 2SB956 (R) |
| Q3H5 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q3H6 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q3H7 | 4822 130 43406 | 2SD1328 (R) |
| Q3H8 | 4822 130 43406 | 2SD1328 (R) |
| Q3H9 | 4822 130 43406 | 2SD1328 (R) |
| Q3J1 | 4822 130 43406 | 2SD1328 (R) |
| Q3J2 | 4822 130 43398 | 2SC2712 GR |
| Q3J3 | 4822 130 43398 | 2SC2712 GR |
| Q3J4 | 4822 130 43398 | 2SC2712 GR |
| Q3J5 | 4822 130 43398 | 2SC2712 GR |

RESISTORS

| | | |
|------|----------------|-------|
| R3H1 | 4822 051 30222 | 2.2KΩ |
| R3H2 | 4822 051 30222 | 2.2KΩ |
| R3H3 | 4822 051 30222 | 2.2KΩ |
| R3H4 | 4822 051 30332 | 3.3KΩ |
| R3H5 | 4822 051 30684 | 680Ω |
| R3H6 | 4822 051 30332 | 3.3KΩ |
| R3H7 | 4822 051 30684 | 680Ω |
| R3H8 | 4822 051 30223 | 22KΩ |
| R3H9 | 4822 051 30223 | 22KΩ |
| R3J1 | 4822 051 30332 | 3.3KΩ |
| R3J2 | 4822 051 30223 | 22KΩ |
| R3J3 | 4822 051 30223 | 22KΩ |
| R3J4 | 4822 051 30332 | 3.3KΩ |
| R3J5 | 4822 051 30223 | 22KΩ |
| R3J6 | 4822 051 30223 | 22KΩ |
| R3J7 | 4822 051 30332 | 3.3KΩ |
| R3J8 | 4822 051 30223 | 22KΩ |
| R3J9 | 4822 051 30223 | 22KΩ |
| R3K1 | 4822 051 30332 | 3.3KΩ |
| R3K2 | 4822 051 30152 | 1.5KΩ |
| R3K3 | 4822 051 30103 | 10KΩ |
| R3K4 | 4822 051 30102 | 1KΩ |
| R3K5 | 4822 051 30152 | 1.5KΩ |
| R3K6 | 4822 051 30222 | 2.2KΩ |
| R3K7 | 4822 051 30684 | 680Ω |
| R3K9 | 4822 051 30332 | 3.3KΩ |
| R3L1 | 4822 051 30471 | 470Ω |
| R3L2 | 4822 051 30152 | 1.5KΩ |
| R3L4 | 4822 051 30471 | 470Ω |
| R3L5 | 4822 051 30221 | 220Ω |
| R3L6 | 4822 051 30222 | 2.2KΩ |

Servo/Driver/System/Control

| | | |
|------|----------------|------------------|
| R602 | 4822 051 30472 | 4.7K Ω |
| R603 | 4822 051 30472 | 4.7K Ω |
| R604 | 4822 051 30473 | 47K Ω |
| R605 | 4822 051 30473 | 47K Ω |
| R606 | 4822 051 30473 | 47K Ω |
| R607 | 4822 051 30473 | 47K Ω |
| R608 | 4822 051 30473 | 47K Ω |
| R609 | 4822 111 91011 | 100 Ω 1/8 |
| R610 | 4822 111 91011 | 100 Ω 1/8 |
| R611 | 4822 051 30332 | 3.3K Ω |
| R612 | 4822 051 30682 | 6.8K Ω |
| R613 | 4822 051 30333 | 33K Ω |
| R616 | 4822 051 30103 | 10K Ω |
| R617 | 4822 051 30103 | 10K Ω |
| R620 | 4822 051 30473 | 47K Ω |
| R623 | 4822 051 30473 | 47K Ω |
| R624 | 4822 051 30473 | 47K Ω |
| R625 | 4822 051 30103 | 10K Ω |
| R626 | 4822 111 91028 | 220 Ω 1/8 |
| R627 | 4822 111 91028 | 220 Ω 1/8 |
| R628 | 4822 051 30332 | 3.3K Ω |
| R629 | 4822 051 30333 | 33K Ω |
| R630 | 4822 051 30152 | 1.5K Ω |
| R631 | 4822 051 30152 | 1.5K Ω |
| R632 | 4822 051 30103 | 10K Ω |
| R633 | 4822 051 30103 | 10K Ω |
| R634 | 4822 051 30103 | 10K Ω |
| R635 | 4822 116 82487 | 0 Ω |
| R640 | 4822 051 30473 | 47K Ω |
| R641 | 4822 051 30473 | 47K Ω |
| R642 | 4822 051 30473 | 47K Ω |
| R643 | 4822 051 30102 | 1K Ω |
| R644 | 4822 051 30222 | 2.2K Ω |
| R645 | 4822 051 30472 | 4.7K Ω |
| R646 | 4822 051 30472 | 4.7K Ω |
| R647 | 4822 051 30472 | 4.7K Ω |
| R651 | 4822 051 30222 | 2.2K Ω |
| R652 | 4822 051 30103 | 10K Ω |
| R653 | 4822 100 11635 | Trimmer |
| R654 | 4822 051 30152 | 1.5K Ω |
| R655 | 4822 051 30223 | 22K Ω |
| R656 | 4822 051 30223 | 22K Ω |
| R657 | 4822 051 30223 | 22K Ω |
| R658 | 4822 051 30473 | 47K Ω |
| R659 | 4822 051 30104 | 100K Ω |
| R660 | 4822 100 11608 | 10K Ω |
| R661 | 4822 051 30333 | 33K Ω |
| R662 | 4822 051 30103 | 10K Ω |
| R663 | 4822 051 30334 | 330K Ω |
| R664 | 4822 051 30104 | 100K Ω |
| R665 | 4822 051 30474 | 470K Ω |
| R666 | 4822 051 30474 | 470K Ω |
| R667 | 4822 051 30154 | 150K Ω |
| R670 | 4822 051 30102 | 1K Ω |
| R671 | 4822 051 30473 | 47K Ω |
| R674 | 4822 051 30473 | 47K Ω |
| R676 | 4822 051 30471 | 470 Ω |
| R677 | 4822 051 30154 | 150K Ω |
| R678 | 4822 051 30154 | 150K Ω |
| R692 | 4822 051 30472 | 4.7K Ω |
| R693 | 4822 051 30472 | 4.7K Ω |
| R694 | 4822 051 30339 | 33 Ω |
| R695 | 4822 051 30222 | 2.2K Ω |
| R697 | 4822 051 30472 | 4.7K Ω |
| R698 | 4822 051 30473 | 47K Ω |
| R699 | 4822 051 30104 | 100K Ω |

CRYSTALS

| | | |
|------|----------------|-----------------|
| X201 | 4822 242 72389 | |
| X601 | 4822 242 73832 | 4.19MHZ (AT-38) |

CONNECTORS

| | | |
|------|----------------|----|
| J4D0 | 4822 265 20504 | 2P |
|------|----------------|----|

SWITCH

| | | |
|------|----------------|--------|
| S4D0 | 4822 276 12455 | SWITCH |
|------|----------------|--------|

A/V Selector

TRANSISTORS

| | | |
|------|----------------|----------------------|
| Q452 | 4822 130 43398 | 2SC2712 GR |
| Q453 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q454 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q455 | 4822 130 43398 | 2SC2712 GR |
| Q456 | 4822 130 43398 | 2SC2712 GR |
| Q460 | 4822 130 43398 | 2SC2712 GR |
| Q463 | 4822 130 42733 | 2SA1162(G) FOR MTX A |
| Q464 | 4822 130 43398 | 2SC2712 GR |
| Q465 | 4822 130 43398 | 2SC2712 GR |
| Q466 | 4822 130 42733 | 2SA1162(G) FOR MIX A |

RESISTORS

| | | |
|------|----------------|---------------|
| R4K0 | 4822 051 30339 | 33Ω |
| R4K1 | 4822 051 30102 | 1KΩ |
| R4K2 | 4822 051 30473 | 47KΩ |
| R4K3 | 4822 051 30473 | 47KΩ |
| R4K6 | 4822 116 82487 | 0Ω |
| R4K7 | 4822 116 82487 | 0Ω |
| R4K8 | 4822 116 82487 | 0Ω |
| R4L0 | 4822 116 82487 | 0Ω |
| R4L1 | 4822 116 82487 | 0Ω |
| R4L2 | 4822 116 82487 | 0Ω |
| R4P0 | 4822 051 30472 | 4.7KΩ |
| R4P1 | 4822 051 30472 | 4.7KΩ |
| R4P2 | 4822 051 30759 | 75Ω |
| R4P3 | 4822 051 30154 | 150KΩ |
| R4P5 | 4822 051 30102 | 1KΩ |
| R4P6 | 4822 051 30102 | 1KΩ |
| R4P7 | 4822 051 30102 | 1KΩ |
| R4P8 | 4822 051 30102 | 1KΩ |
| R4P9 | 4822 051 30101 | 100Ω |
| R4Q0 | 4822 051 30101 | 100Ω |
| R4Q1 | 4822 116 82487 | 0Ω |
| R4Q5 | 4822 051 30472 | 4.7KΩ |
| R4Q7 | 4822 051 30152 | 1.5KΩ |
| R4Q8 | 4822 051 30683 | 68KΩ |
| R4Q9 | 4822 051 30153 | 15KΩ |
| R4R0 | 4822 051 30222 | 2.2KΩ |
| R4R1 | 4822 051 30103 | 10KΩ |
| R4R7 | 4822 051 30472 | 4.7KΩ |
| R4S0 | 4822 116 82487 | 0Ω |
| R451 | 4822 051 30153 | 15KΩ |
| R452 | 4822 051 30103 | 10KΩ |
| R453 | 4822 051 30103 | 10KΩ |
| R454 | 4822 051 30101 | 100Ω |
| R455 | 4822 051 30153 | 15KΩ |
| R456 | 4822 051 30103 | 10KΩ |
| R457 | 4822 051 30103 | 10KΩ |
| R458 | 4822 051 30101 | 100Ω |
| R459 | 4822 051 30221 | 220Ω |
| R461 | 4822 051 30103 | 10KΩ |
| R462 | 4822 051 30102 | 1KΩ |
| R463 | 4822 051 30104 | 100KΩ |
| R464 | 4822 051 30104 | 100KΩ |
| R465 | 4822 051 30154 | 150KΩ |
| R467 | 4822 051 30221 | 220Ω |
| R468 | 4822 051 30223 | 22KΩ |
| R470 | 4822 051 30759 | CHIP RESISTER |
| R472 | 4822 051 30221 | 220Ω |
| R473 | 4822 051 30759 | CHIP RESISTER |
| R474 | 4822 051 30221 | 220Ω |
| R475 | 4822 051 30229 | 22Ω |
| R476 | 4822 051 30229 | 22Ω |
| R477 | 4822 051 30759 | CHIP RESISTER |
| R478 | 4822 051 30221 | 220Ω |
| R479 | 4822 051 30223 | 22KΩ |
| R482 | 4822 051 30222 | 2.2KΩ |

| | | |
|------|----------------|-------|
| R483 | 4822 051 30222 | 2.2KΩ |
| R484 | 4822 051 30222 | 2.2KΩ |
| R485 | 4822 051 30223 | 22KΩ |
| R486 | 4822 051 30682 | 6.8KΩ |
| R487 | 4822 051 30472 | 4.7KΩ |
| R488 | 4822 051 30102 | 1KΩ |
| R489 | 4822 051 30102 | 1KΩ |
| R494 | 4822 051 30104 | 100KΩ |
| R495 | 4822 051 30104 | 100KΩ |
| R497 | 4822 051 30102 | 1KΩ |
| R498 | 4822 051 30152 | 1.5KΩ |
| R499 | 4822 051 30104 | 100KΩ |

SWITCHES

| | |
|------|----------------|
| S451 | 4822 277 21403 |
| S452 | 4822 277 21403 |

DIODES

| | | |
|------|----------------|----------|
| Z451 | 4822 130 81169 | 02CZ5.6Y |
| Z452 | 4822 130 81169 | 02CZ5.6Y |
| Z453 | 4822 130 81169 | 02CZ5.6Y |
| Z454 | 4822 130 81169 | 02CZ5.6Y |
| Z455 | 4822 130 81169 | 02CZ5.6Y |
| Z456 | 4822 130 81169 | 02CZ5.6Y |
| Z457 | 4822 130 81169 | 02CZ5.6Y |
| Z458 | 4822 130 81169 | 02CZ5.6Y |
| Z459 | 4822 130 81169 | 02CZ5.6Y |
| Z460 | 4822 130 81169 | 02CZ5.6Y |
| Z461 | 4822 130 81169 | 02CZ5.6Y |
| Z462 | 4822 130 81169 | 02CZ5.6Y |
| Z468 | 4822 130 81169 | 02CZ5.6Y |
| Z469 | 4822 130 81169 | 02CZ5.6Y |
| Z470 | 4822 130 81169 | 02CZ5.6Y |
| Z471 | 4822 130 81169 | 02CZ5.6Y |
| Z472 | 4822 130 81169 | 02CZ5.6Y |
| Z473 | 4822 130 81169 | 02CZ5.6Y |

Head Amplifier**A/V Selector**

| | | |
|------|----------------|-------|
| R3L7 | 4822 051 30684 | 680Ω |
| R3L8 | 4822 051 30684 | 680Ω |
| R3L9 | 4822 051 30102 | 1KΩ |
| R3M1 | 4822 051 30221 | 220Ω |
| R3M5 | 4822 051 30102 | 1KΩ |
| R3M6 | 4822 051 30222 | 2.2KΩ |
| R3M7 | 4822 051 30332 | 3.3KΩ |
| R3M8 | 4822 051 30684 | 680Ω |
| R3M9 | 4822 051 30332 | 3.3KΩ |
| R3N1 | 4822 051 30684 | 680Ω |
| R3N2 | 4822 051 30222 | 2.2KΩ |
| R3N3 | 4822 051 30103 | 10KΩ |
| R3N4 | 4822 051 30153 | 15KΩ |
| R3N5 | 4822 051 30472 | 4.7KΩ |
| R3N6 | 4822 051 30472 | 4.7KΩ |
| R3N7 | 4822 051 30223 | 22KΩ |
| R3N8 | 4822 051 30103 | 10KΩ |
| R3N9 | 4822 051 30103 | 10KΩ |
| R3P1 | 4822 051 30103 | 10KΩ |
| R3P2 | 4822 051 30103 | 10KΩ |
| R3P3 | 4822 051 30473 | 47KΩ |
| R3P4 | 4822 051 30103 | 10KΩ |
| R3P5 | 4822 051 30333 | 33KΩ |
| R3P6 | 4822 051 30471 | 470Ω |
| R3P7 | 4822 051 30222 | 2.2KΩ |
| R3P8 | 4822 051 30331 | 330Ω |
| R3P9 | 4822 051 30152 | 1.5KΩ |
| R3Q1 | 4822 116 81008 | 4.7Ω |
| R3Q2 | 4822 051 30109 | 10Ω |
| R3Q3 | 4822 051 30103 | 10KΩ |

CAPACITORS

| | | |
|------|----------------|-------------|
| C451 | 4822 124 22727 | 47μF/16V |
| C452 | 4822 124 41839 | 10μF/6.3V |
| C453 | 4822 124 41839 | 10μF/6.3V |
| C454 | 4822 124 22727 | 47μF/16V |
| C455 | 4822 124 41839 | 10μF/6.3V |
| C456 | 4822 124 41839 | 10μF/6.3V |
| C457 | 4822 124 41839 | 10μF/6.3V |
| C458 | 4822 124 41839 | 10μF/6.3V |
| C460 | 4822 126 12076 | 0.047μF/16V |
| C461 | 4822 124 41839 | 10μF/6.3V |
| C462 | 4822 124 41839 | 10μF/6.3V |
| C463 | 5322 122 32531 | 100PF |
| C466 | 4822 122 33127 | 2200PF |
| C467 | 4822 124 41839 | 10μF/6.3V |
| C468 | 5322 122 32531 | 100PF |
| C469 | 4822 126 12076 | 0.047μF/16V |
| C470 | 4822 124 23561 | 470μF/4V |
| C471 | 5322 122 32531 | 100PF |
| C472 | 4822 124 23561 | 470μF/4V |
| C473 | 5322 122 32531 | 100PF |
| C474 | 4822 124 41839 | 10μF/6.3V |
| C476 | 4822 122 33127 | 2200PF |
| C480 | 4822 124 41839 | 10μF/6.3V |
| C481 | 5322 122 34098 | 0.01μF |
| C482 | 4822 124 41839 | 10μF/6.3V |
| C484 | 4822 124 41839 | 10μF/6.3V |
| C486 | 4822 124 41839 | 10μF/6.3V |
| C487 | 5322 122 32531 | 100PF |
| C488 | 4822 124 22727 | 47μF/16V |

DIODE

| | | |
|------|----------------|--------|
| D452 | 4822 130 81166 | 1SS184 |
|------|----------------|--------|

IC's

| | | |
|------|----------------|------------------|
| IC43 | 4822 209 60079 | LA7222 ANALOG SW |
| IC44 | 4822 209 60079 | LA7222 ANALOG SW |

CONNECTORS

| | | |
|------|----------------|-------|
| J451 | 4822 290 81385 | |
| J452 | 4822 290 81385 | |
| J453 | 4822 290 81386 | |
| J454 | 4822 290 81386 | |
| J455 | 4822 267 31204 | 2PIN |
| J456 | 4822 265 30862 | 6PIN |
| J457 | 4822 265 30571 | 5PIN |
| J458 | 4822 265 30561 | 4PIN |
| J459 | 4822 265 30857 | 4PIN |
| J460 | 4822 265 20361 | 2PIN |
| J461 | 4822 265 41215 | 10PIN |
| J462 | 4822 267 31204 | 2PIN |
| J463 | 4822 265 41212 | 14PIN |
| J464 | 4822 265 30961 | |
| J465 | 4822 267 31385 | |
| J466 | 4822 267 31385 | |
| J478 | 4822 265 30861 | 5PIN |

COILS

| | | |
|------|----------------|--------|
| L452 | 4822 157 53873 | 100 μH |
| L453 | 4822 157 62724 | 1 MH |
| L454 | 4822 157 62724 | 1 MH |
| L455 | 4822 157 53873 | 100 μH |

RF/ IF/ Chroma

CAPACITORS

| | | |
|------|----------------|------------|
| C1A0 | 4822 122 32701 | 0.022μF |
| C1A1 | 4822 122 32701 | 0.022μF |
| C1A2 | 5322 122 34098 | 0.01μF |
| C1A3 | 5322 122 34098 | 0.01μF |
| C1A4 | 4822 124 22727 | 47μF/16V |
| C1A5 | 4822 124 41839 | 10μF/6.3V |
| C1A6 | 4822 122 33127 | 2200PF |
| C1A7 | 4822 124 22728 | 100μF/16V |
| C1A8 | 4822 124 22728 | 100μF/16V |
| C1C0 | 4822 124 22726 | 4.7μF/35V |
| C1C1 | 4822 124 22726 | 4.7μF/35V |
| C1C4 | 4822 124 22728 | 100μF/16V |
| C1C5 | 4822 124 22728 | 100μF/16V |
| C1C6 | 4822 124 22728 | 100μF/16V |
| C1C7 | 4822 124 22728 | 100μF/16V |
| C1C8 | 4822 124 22727 | 47μF/16V |
| C1C9 | 4822 124 22727 | 47μF/16V |
| C1D0 | 4822 124 22726 | 4.7μF/35V |
| C1D1 | 4822 124 22726 | 4.7μF/35V |
| C7A0 | 4822 122 32672 | 1μF/16V |
| C7A1 | 4822 124 41839 | 10μF/6.3V |
| C7A2 | 4822 124 41839 | 10μF/6.3V |
| C7C0 | 5322 122 34098 | 0.01μF |
| C7C1 | 4822 122 32843 | 0.022F |
| C7C2 | 4822 122 33714 | 0.1μF/25V |
| C7C3 | 4822 122 33714 | 0.1μF/25V |
| C7C4 | 4822 122 33714 | 0.1μF/25V |
| C7C5 | 4822 122 32672 | 1μF/16V |
| C7C6 | 4822 122 33714 | 0.1μF/25V |
| C7C7 | 4822 122 33714 | 0.1μF/25V |
| C7C8 | 4822 124 41839 | 10μF/6.3V |
| C7C9 | 4822 124 41839 | 10μF/6.3V |
| C7D0 | 5322 122 34098 | 0.01μF |
| C7D1 | 4822 122 33575 | 220PF |
| C7D2 | 4822 122 33714 | 0.1μF/25V |
| C7E0 | 4822 122 33127 | 2200PF |
| C7E4 | 5322 122 34098 | 0.01μF |
| C720 | 5322 122 34098 | 0.01μF |
| C730 | 4822 126 10147 | 680PF |
| C731 | 4822 122 32672 | 1μF/16V |
| C732 | 5322 122 34098 | 0.01μF |
| C733 | 4822 124 41841 | 4.7μF/6.3V |
| C735 | 5322 122 34098 | 0.01μF |
| C736 | 4822 124 41839 | 10μF/6.3V |
| C737 | 5322 122 34098 | 0.01μF |
| C738 | 4822 124 22727 | 47μF/16V |
| C739 | 5322 122 34098 | 0.01μF |
| C740 | 5322 122 34098 | 0.01μF |
| C741 | 5322 122 34098 | 0.01μF |
| C742 | 4822 122 32672 | 1μF/16V |
| C743 | 4822 122 32672 | 1μF/16V |
| C744 | 5322 122 34098 | 0.01μF |
| C745 | 5322 122 32448 | 10PF |
| C746 | 4822 122 33714 | 0.1μF/25V |
| C747 | 5322 122 34098 | 0.01μF |
| C749 | 5322 122 34098 | 0.01μF |
| C750 | 4822 122 33714 | 0.1μF/25V |
| C751 | 4822 122 33714 | 0.1μF/25V |
| C752 | 5322 122 32452 | 47PF |
| C753 | 5322 122 34098 | 0.01μF |
| C754 | 5322 122 32531 | 100PF |
| C755 | 4822 122 33714 | 0.1μF/25V |
| C757 | 4822 122 33514 | 68PF |
| C758 | 5322 122 32448 | 10PF |
| C759 | 4822 125 60155 | 20PF |
| C760 | 5322 122 32659 | 33PF |
| C763 | 5322 122 32659 | 33PF |
| C764 | 5322 122 34098 | 0.01μF |

| | | |
|------|----------------|-----------|
| C765 | 4822 124 80087 | 220μF/6V |
| C766 | 5322 122 34098 | 0.01μF |
| C767 | 5322 126 10511 | 1000PF |
| C770 | 4822 126 10006 | 7PF |
| C774 | 4822 122 33709 | 3PF |
| C775 | 5322 122 32452 | 47PF |
| C776 | 5322 122 34098 | 0.01μF |
| C777 | 5322 122 34098 | 0.01μF |
| C778 | 5322 122 34098 | 0.01μF |
| C779 | 5322 122 34098 | 0.01μF |
| C780 | 5322 122 34098 | 0.01μF |
| C781 | 4822 122 33714 | 0.1μF/25V |
| C782 | 5322 122 34098 | 0.01μF |
| C783 | 5322 122 34098 | 0.01μF |
| C784 | 4822 124 22727 | 47μF/16V |
| C785 | 4822 124 41839 | 10μF/6.3V |
| C786 | 5322 122 34098 | 0.01μF |
| C788 | 4822 122 33714 | 0.1μF/25V |
| C789 | 5322 126 10511 | 0.001μF |

DIODES

| | | |
|------|----------------|--------|
| D1A0 | 4822 130 81166 | 1SS184 |
| D1A2 | 4822 130 81167 | MA701 |
| D1A3 | 4822 130 81167 | MA701 |
| D1A4 | 4822 130 81166 | 1SS184 |
| D710 | 4822 130 81166 | 1SS184 |
| D711 | 4822 130 81711 | 1SV172 |
| D712 | 4822 130 81711 | 1SV172 |
| D713 | 4822 130 81711 | 1SV172 |
| D714 | 4822 130 81711 | 1SV172 |
| D715 | 4822 130 81711 | 1SV172 |
| D716 | 4822 130 81711 | 1SV172 |
| D717 | 4822 130 81168 | 1SS268 |
| D720 | 4822 130 81711 | 1SV172 |
| D721 | 4822 130 81711 | 1SV172 |

TUNER

| | | |
|------|----------------|---------------|
| E701 | 4822 210 10481 | UHF/VHF TUNER |
|------|----------------|---------------|

IC's

| | | |
|------|----------------|---------------------|
| IC1A | 4822 209 60119 | FA7610N |
| IC73 | 4822 209 30224 | M52018FP-70NC IF IC |
| IC72 | 4822 209 31155 | M51348AFP |
| IC74 | 4822 209 62503 | 74HC4053 |

CONNECTORS

| | | |
|------|----------------|---------------------|
| J1A0 | 4822 265 30862 | 6PIN |
| J1A1 | 4822 265 30857 | |
| J701 | 4822 267 40882 | |
| J702 | 4822 267 41048 | |
| J703 | 4822 265 41215 | 10PIN |
| J704 | 4822 265 30964 | MOLEX FPC CONNECTOR |
| J705 | 4822 267 41048 | |

COILS

| | | |
|------|----------------|------|
| L1A0 | 4822 157 53867 | |
| L1A1 | 4822 157 60429 | |
| L1A3 | 4822 157 53865 | |
| L1A4 | 4822 157 60431 | |
| L1A5 | 4822 157 60429 | |
| L1A6 | 4822 157 62732 | 22μH |
| L710 | 4822 157 53875 | |
| L711 | 4822 156 21614 | |

RF/ IF/ Chroma

L712 4822 156 21614
 L720 4822 157 60427
 L721 4822 157 53871
 L730 4822 157 53872
 L740 4822 157 53872
 L741 4822 157 62322

TRANSISTORS

Q1A0 4822 130 61425 2SC2873-Y
 Q710 4822 130 42733 2SA1162(G) FOR MIX A
 Q711 4822 130 61884 RN1404
 Q712 4822 130 61884 RN1404
 Q713 4822 130 43398 2SC2712 GR
 Q714 4822 130 43398 2SC2712 GR
 Q715 4822 130 61424 2SC2714
 Q716 4822 130 61885 RN1443
 Q720 4822 130 61884 RN1404
 Q721 4822 130 61424 2SC 2714 O
 Q722 4822 130 43398 2SC2712 GR
 Q723 4822 130 42733 2SA1162(G) FOR MIX A
 Q724 4822 130 42733 2SA1162(G) FOR MIX A
 Q725 4822 130 61884 RN1404
 Q730 4822 130 43398 2SC2712 GR
 Q731 4822 130 43398 2SC2712 GR
 Q732 4822 130 43398 2SC2712 GR
 Q740 4822 130 43398 2SC2712 GR
 Q741 4822 130 61424 2SC 2714 O
 Q745 4822 130 43398 2SC2712 GR

RESISTORS

R1A0 4822 051 30105 1M Ω
 R1A1 4822 051 30682 6.8K Ω
 R1A2 4822 100 11635 Trimmer
 R1A3 4822 051 30473 47K Ω
 R1A4 4822 116 82487 0 Ω
 R1A5 4822 051 30472 4.7K Ω
 R1A6 4822 116 82487 0 Ω
 R1A7 4822 051 30101 100 Ω
 R1A8 4822 051 30224 220K Ω
 R1A9 4822 051 30684 680K Ω
 R1C0 4822 051 30333 33K Ω
 R7A0 4822 051 30473 47K Ω
 R7A1 4822 051 30103 10K Ω
 R7A2 4822 051 30103 10K Ω
 R7A3 4822 051 30109 10 Ω
 R7A4 4822 051 30103 10K Ω
 R7A5 4822 051 30153 15K Ω
 R7A6 4822 051 30153 15K Ω
 R7A7 4822 051 30222 2.2K Ω
 R7A8 4822 051 30223 22K Ω
 R7C0 4822 051 30222 2.2K Ω
 R7C1 4822 051 30333 33K Ω
 R7C2 4822 051 30223 22K Ω
 R7C3 4822 051 30682 6.8K Ω
 R7C4 4822 051 30472 4.7K Ω
 R7C5 4822 051 30472 4.7K Ω
 R7C7 4822 051 30759 75 Ω
 R7D1 4822 051 30683 68K Ω
 R7D2 4822 051 30472 4.7K Ω
 R7D3 4822 051 30103 10K Ω
 R7D4 4822 051 30332 3.3K Ω
 R7D5 4822 051 30223 22K Ω
 R7D6 4822 051 30102 1K Ω
 R7D7 4822 051 30331 330 Ω
 R7D8 4822 051 30103 10K Ω
 R7D9 4822 051 30223 22K Ω
 R7E0 4822 051 30153 15K Ω
 R7E1 4822 051 30152 1.5K Ω

R7E2 4822 051 30684 680 Ω
 R7E3 4822 051 30684 680 Ω
 R7E4 4822 051 30101 100 Ω
 R7E5 4822 051 30229 22 Ω
 R7E6 4822 116 82487 0 Ω
 R7E7 4822 051 30759 75 Ω
 R7F0 4822 051 30103 10K Ω
 R7F2 4822 051 30222 2.2K Ω
 R7F3 4822 051 30682 6.8K Ω
 R7H0 4822 116 82487 0 Ω
 R718 4822 051 30472 4.7K Ω
 R730 4822 051 30473 47K Ω
 R731 4822 051 30104 100K Ω
 R732 4822 051 30332 3.3K Ω
 R733 4822 051 30102 1K Ω
 R735 4822 100 11608 10K Ω
 R736 4822 051 30333 33K Ω
 R737 4822 116 82487 0 Ω
 R738 4822 051 30109 10 Ω
 R740 4822 051 30153 15K Ω
 R741 4822 051 30103 10K Ω
 R742 4822 116 82487 0 Ω
 R743 4822 051 30334 330K Ω
 R744 4822 051 30334 330K Ω
 R746 4822 051 30102 1K Ω
 R747 4822 051 30472 4.7K Ω
 R748 4822 051 30102 1K Ω
 R749 4822 051 30472 4.7K Ω
 R750 4822 051 30472 4.7K Ω
 R751 4822 051 30472 4.7K Ω
 R752 4822 051 30331 330 Ω
 R753 4822 051 30479 47 Ω
 R754 4822 051 30103 10K Ω
 R756 4822 051 30103 10K Ω
 R757 4822 051 30472 4.7K Ω
 R758 4822 051 30472 4.7K Ω
 R759 4822 051 30471 470 Ω
 R760 4822 051 30471 470 Ω
 R761 4822 051 30151 150 Ω
 R762 4822 051 30229 22 Ω
 R763 4822 051 30152 1.5K Ω
 R764 4822 051 30684 680 Ω
 R765 4822 051 30684 680 Ω
 R766 4822 051 30479 47 Ω
 R767 4822 051 30104 100K Ω
 R768 4822 051 30102 1K Ω
 R769 4822 051 30682 6.8K Ω
 R773 4822 051 30151 150 Ω
 R774 4822 051 30102 1K Ω
 R775 4822 051 30479 47 Ω
 R776 4822 100 11604 1K Ω 255 Δ
 R777 4822 051 30331 330 Ω
 R778 4822 051 30221 220 Ω
 R779 4822 051 30102 1K Ω
 R781 4822 051 30682 6.8K Ω
 R782 4822 051 30222 2.2K Ω
 R783 4822 051 30472 4.7K Ω
 R792 4822 051 30684 680K Ω
 R793 4822 051 30104 100K Ω
 R794 4822 051 30684 680 Ω
 R795 4822 051 30103 10K Ω
 R796 4822 051 30103 10K Ω
 R797 4822 051 30103 10K Ω
 R798 4822 051 30683 68K Ω
 R799 4822 051 30473 47K Ω

TRANSFORMER

T1A0 4822 146 30835 TS5796

RF/ IF/ Chroma**Powersupply****CRYSTALS**

| | | |
|------|----------------|------------|
| X701 | 4822 242 72929 | |
| X702 | 4822 242 72928 | |
| X703 | 4822 242 72931 | |
| X704 | 4822 242 73622 | |
| X705 | 4822 242 72187 | |
| X706 | 4822 242 81166 | CDA5.5MC30 |
| X707 | 4822 242 81167 | CDA6.0MC30 |
| X708 | 4822 242 72926 | |

LCD SCREEN

| | | |
|------|----------------|----------------------|
| PL11 | 4822 130 91096 | 5.7INCH MULTI LCD LQ |
| SP41 | 4822 240 30572 | T050S01 2INCH |

CAPACITORS

| | | |
|------|----------------|-------------------|
| C101 | 4822 126 12076 | 0.047 μ F/16V |
| C102 | 4822 126 12076 | 0.047 μ F/16V |
| C103 | 4822 122 32672 | 1 μ F/16V |
| C104 | 4822 122 32672 | 1 μ F/16V |
| C105 | 5322 122 34099 | 470PF |
| C106 | 5322 122 32452 | 47PF |
| C107 | 5322 122 32659 | 33PF |
| C108 | 5322 126 10794 | 220PF |
| C109 | 4822 122 33805 | 330PF |
| C110 | 4822 122 32672 | 1 μ F/16V |
| C111 | 4822 124 22728 | 100 μ F/16V |
| C112 | 4822 124 23463 | 220U/10V |
| C113 | 4822 124 23463 | 220U/10V |
| C114 | 4822 126 12076 | 0.047 μ F/16V |
| C115 | 4822 122 32701 | 0.022 μ F |
| C116 | 4822 124 23463 | 220U/10V |
| C117 | 4822 124 23463 | 220U/10V |
| C118 | 4822 122 32701 | 0.022 μ F |
| C119 | 4822 122 32701 | 0.022 μ F |
| C120 | 4822 124 23463 | 220U/10V |
| C121 | 4822 124 22728 | 100 μ F/16V |
| C122 | 4822 124 22728 | 100 μ F/16V |
| C123 | 4822 124 22728 | 100 μ F/16V |
| C124 | 4822 122 33714 | 0.1 μ F/25V |
| C125 | 4822 124 22727 | 47 μ F/16V |
| C126 | 4822 124 22727 | 47 μ F/16V |
| C127 | 4822 124 23463 | 220U/10V |
| C128 | 4822 124 21852 | 470 μ F/16V |

DIODES

| | | |
|------|----------------|--------|
| D101 | 4822 130 81166 | 1SS184 |
| D102 | 4822 130 82984 | 30DF1 |

FUSE

| | | |
|------|----------------|-------|
| F102 | 4822 253 30376 | 3.15A |
|------|----------------|-------|

IC's

| | | |
|------|----------------|----------|
| IC11 | 4822 209 82947 | BA6149LS |
| IC12 | 4822 209 83188 | UN102 |

CONNECTORS

| | | |
|------|----------------|------|
| J102 | 4822 265 30561 | 4PIN |
| J103 | 4822 265 30862 | 6PIN |
| J104 | 4822 265 30561 | 4PIN |
| J105 | 4822 265 30776 | 4PIN |

SWITCH

| | | |
|------|----------------|-------------|
| S101 | 4822 276 80418 | BUTTON UNIT |
|------|----------------|-------------|

COILS

| | | |
|------|----------------|-------------|
| L101 | 4822 157 62727 | 150 μ H |
| L102 | 4822 157 62733 | 33 μ H |
| L103 | 4822 157 62737 | 470 μ H |
| L104 | 4822 157 62738 | 50 μ H |
| L105 | 4822 157 62735 | 330 μ H |
| L106 | 4822 157 62745 | 560 μ H |
| L107 | 4822 157 62738 | 50 μ H |
| L108 | 4822 157 62738 | 50 μ H |
| L109 | 4822 157 63878 | LINE FILTER |

Powersupply**Keyblock/ Timer Tuning****CIRCUIT PROTECTORS**

| | | |
|------|----------------|--------------------|
| PR11 | 4822 252 20266 | ICP-N25 1.0A 50V 0 |
| PR12 | 4822 252 51083 | ICP-N20 0.8A 50V 0 |
| PR13 | 4822 252 51083 | ICP-N20 0.8A 50V 0 |
| PR14 | 4822 252 51083 | ICP-N20 0.8A 50V 0 |

T RANSISTORS

| | | |
|------|----------------|------------------|
| Q101 | 4822 130 60335 | 2SA1037K |
| Q102 | 4822 130 60564 | 2SB956 |
| Q103 | 4822 130 43406 | 2SD1328 (R) |
| Q104 | 4822 130 61354 | 2SA1213 (Y) CHIP |
| Q105 | 4822 130 43398 | 2SC2712 GR |
| Q107 | 4822 130 61884 | RN1404 |
| Q108 | 4822 130 43406 | 2SD1328 (R) |

RESISTORS

| | | |
|------|----------------|------------|
| R101 | 4822 051 30222 | 2.2KΩ |
| R102 | 4822 051 30103 | 10KΩ |
| R103 | 4822 051 30103 | 10KΩ |
| R104 | 4822 051 30222 | 2.2KΩ |
| R105 | 4822 051 30334 | 330KΩ |
| R106 | 4822 051 30154 | 150KΩ |
| R107 | 4822 051 30334 | 330KΩ |
| R108 | 4822 051 30683 | 68KΩ |
| R109 | 4822 051 30103 | 10KΩ |
| R110 | 4822 051 30472 | 4.7KΩ |
| R111 | 4822 051 30471 | 470Ω |
| R112 | 4822 051 30222 | 2.2KΩ |
| R113 | 4822 111 91014 | 1.2KΩ 1/8 |
| R114 | 4822 051 30471 | 470Ω |
| R115 | 4822 051 30222 | 2.2KΩ |
| R116 | 4822 111 91014 | 1.2KΩ 1/8 |
| R117 | 4822 051 30471 | 470Ω |
| R118 | 4822 051 30222 | 2.2KΩ |
| R119 | 4822 111 91021 | 1.5KΩ 1/8W |
| R120 | 4822 051 30471 | 470Ω |
| R121 | 4822 051 30222 | 2.2KΩ |
| R122 | 4822 111 91021 | 1.5KΩ 1/8 |
| R123 | 4822 051 30471 | 470Ω |
| R124 | 4822 051 30222 | 2.2KΩ |
| R125 | 4822 111 91014 | 1.2KΩ 1/8 |
| R126 | 4822 051 30471 | 470Ω |
| R127 | 4822 051 30222 | 2.2KΩ |
| R128 | 4822 111 91061 | 820Ω 1/8 |
| R129 | 4822 051 30105 | 1MΩ |
| R130 | 4822 051 30153 | 15KΩ |
| R131 | 4822 100 11636 | 4.7KΩ |
| R132 | 4822 051 30153 | 15KΩ |
| R133 | 4822 051 30105 | 1MΩ |
| R134 | 4822 051 30684 | 680Ω |
| R135 | 4822 051 30102 | 1KΩ |
| R136 | 4822 051 30102 | 1KΩ |
| R137 | 4822 051 30472 | 4.7KΩ |
| R138 | 4822 051 30474 | 470KΩ |
| R139 | 4822 051 30105 | 1MΩ |
| R140 | 4822 051 30473 | 47KΩ |
| R141 | 4822 100 11636 | 4.7KΩ |
| R142 | 4822 051 30223 | 22KΩ |
| R143 | 4822 051 30104 | 100KΩ |
| R144 | 4822 111 91011 | 100Ω 1/8 |
| R145 | 4822 111 91192 | 470Ω |
| R146 | 4822 051 30103 | 10KΩ |
| R147 | 4822 051 30103 | 10KΩ |
| R148 | 4822 051 30684 | 680Ω |
| R149 | 4822 111 91192 | 470Ω |

CRYSTAL

| | | |
|------|----------------|--------|
| X101 | 4822 242 73834 | 815KHZ |
|------|----------------|--------|

CAPACITOR

| | | |
|------|----------------|-----------|
| C4D0 | 4822 124 41839 | 10μF/6.3V |
|------|----------------|-----------|

IC RECIVER

| | | |
|------|----------------|------------|
| IR01 | 4822 130 82318 | IR RECIVER |
|------|----------------|------------|

CONNECTOR

| | | |
|------|----------------|-------|
| J4D1 | 4822 265 30657 | 33PIN |
|------|----------------|-------|

COIL

| | | |
|------|----------------|--------|
| L4D0 | 4822 157 62723 | 100 μH |
|------|----------------|--------|

CAPACITORS

| | | |
|------|----------------|-----------|
| C6K0 | 4822 124 41839 | 10μF/6.3V |
| C6K1 | 4822 126 12076 | 0.047μF |
| C6K2 | 4822 122 33714 | 0.1μF/25V |
| C6K3 | 5322 122 34098 | 0.01μF |
| C6K4 | 4822 124 41839 | 10μF/6.3V |
| C6L0 | 4822 125 60155 | 20PF |
| C6L1 | 5322 122 32658 | 22PF |
| C6L2 | 4822 122 33714 | 0.1μF/25V |
| C6L3 | 4822 124 41839 | 10μF/6.3V |
| C6L4 | 4822 126 12076 | 0.047μF |
| C6L5 | 5322 122 33538 | 150PF |
| C6L6 | 4822 122 33714 | 0.1μF/25V |
| C6L7 | 4822 124 22727 | 47μF/16V |
| C6L8 | 4822 122 32672 | 1μF/16V |
| C6L9 | 5322 122 32448 | 10PF |
| C6M0 | 5322 122 32659 | 33PF |
| C6M1 | 5322 122 32448 | 10PF |

DIODES

| | | |
|------|----------------|-----------------|
| D6K1 | 4822 130 82315 | 1SS181 |
| D6K2 | 4822 130 82315 | 1SS181 |
| D6K3 | 4822 130 82315 | 1SS181 |
| D6K4 | 4822 130 81166 | 1SS184 |
| D6K5 | 4822 130 81166 | 1SS184 |
| D6K6 | 4822 130 81166 | 1SS184 |
| D6K7 | 4822 130 81166 | 1SS184 |
| D6K9 | 4822 130 81166 | 1SS184 |
| D6L0 | 4822 130 81166 | 1SS184 |
| D6L1 | 4822 130 81166 | 1SS184 |
| D6L3 | 4822 130 82315 | 1SS181 |
| D6L5 | 4822 130 81166 | 1SS184 |
| D6L6 | 4822 130 81166 | 1SS184 |
| D6L7 | 4822 130 81166 | 1SS184 |
| D6L8 | 4822 130 81166 | 1SS184 |
| D6L9 | 4822 130 81166 | 1SS184 |
| D6M0 | 4822 130 81166 | 1SS184 |
| D6M1 | 4822 130 82315 | 1SS181 |
| D6M2 | 4822 130 82315 | 1SS181 |
| D6M3 | 4822 130 81166 | 1SS184 |
| D6M4 | 4822 130 82315 | 1SS181 |
| D6M5 | 4822 130 81166 | 1SS184 |
| D6M6 | 4822 130 32778 | 1SS133 1MHZ12NS |

Luminance/ Chrominance

CAPACITORS

| | | |
|------|----------------|-----------------|
| C301 | 5322 122 34098 | 0.01μF |
| C302 | 5322 122 34098 | 0.01μF |
| C303 | 4822 124 41839 | 10μF/6.3V |
| C304 | 4822 124 41839 | 10μF/6.3V |
| C305 | 5322 122 34098 | 0.01μF |
| C307 | 5322 122 34098 | 0.01μF |
| C308 | 5322 122 34098 | 0.01μF |
| C309 | 5322 122 32531 | 100PF |
| C310 | 5322 122 32531 | 100PF |
| C311 | 4822 124 41839 | 10μF/6.3V |
| C312 | 5322 122 34098 | 0.01μF |
| C313 | 4822 124 80087 | 220μF 6V |
| C314 | 4822 126 12076 | 0.047μF/10% 16V |
| C315 | 5322 122 32531 | 100PF |
| C316 | 4822 124 41841 | 4.7μF/6.3V |
| C317 | 4822 124 41839 | 10μF/6.3V |
| C318 | 4822 124 41841 | 4.7μF/6.3V |
| C319 | 4822 124 22727 | 47μF/16V |
| C320 | 5322 122 34098 | 0.01μF |
| C321 | 4822 122 33714 | 0.1μF/25V |
| C322 | 4822 122 32701 | 0.022μF |
| C323 | 4822 122 33514 | 68PF |
| C324 | 4822 122 33514 | 68PF |
| C325 | 4822 124 41839 | 10μF/6.3V |
| C326 | 4822 122 33514 | 68PF |
| C327 | 4822 126 10147 | 680PF |
| C328 | 5322 122 32531 | 100PF |
| C329 | 4822 122 33514 | 68PF |
| C330 | 4822 122 33514 | 68PF |
| C331 | 4822 124 41839 | 10μF/6.3V |
| C332 | 5322 122 34098 | 0.01μF |
| C334 | 4822 124 23127 | 0.47μF/35V |
| C335 | 4822 122 32672 | 1μF/16V |
| C336 | 4822 122 32672 | 1μF/16V |
| C337 | 5322 122 34098 | 0.01μF |
| C338 | 4822 122 32672 | 1μF/16V |
| C340 | 4822 124 41839 | 10μF/6.3V |
| C350 | 4822 122 33514 | 68PF |
| C801 | 4822 122 33714 | 0.1μF/25V |
| C802 | 5322 122 34098 | 0.01μF |
| C803 | 4822 122 32672 | 1μF/16V |
| C804 | 4822 122 33805 | 330PF |
| C805 | 4822 122 32672 | 1μF/16V |
| C806 | 4822 122 32672 | 1μF/16V |
| C807 | 4822 122 32701 | 0.022μF |
| C808 | 4822 126 12076 | 0.047μF/16V |
| C809 | 5322 122 34098 | 0.01μF |
| C810 | 4822 124 41839 | 10μF/6.3V |
| C811 | 5322 122 32531 | 100PF |
| C812 | 4822 122 33805 | 330PF |
| C814 | 5322 122 34098 | 0.01μF |
| C816 | 5322 122 34098 | 0.01μF |
| C817 | 4822 122 32672 | 1μF/16V |
| C818 | 4822 126 12076 | 0.047μF/16V |
| C819 | 5322 122 32659 | 33PF |
| C820 | 4822 122 33514 | 68PF |
| C821 | 5322 122 34098 | 0.01μF |
| C822 | 4822 124 80087 | 220μF/6V |
| C823 | 5322 122 34098 | 0.01μF |
| C824 | 5322 122 32531 | 100PF |
| C825 | 5322 122 34098 | 0.01μF |
| C826 | 5322 122 34098 | 0.01μF |
| C827 | 5322 122 34098 | 0.01μF |
| C828 | 5322 122 34098 | 0.01μF |
| C829 | 5322 122 34098 | 0.01μF |
| C831 | 5322 126 10511 | 0.001μF |
| C832 | 5322 126 10511 | 1000PF |
| C833 | 4822 122 32677 | 2.2μF/6.3V |
| C834 | 4822 122 32677 | 2.2μF/6.3V |

CS 44 681

| | | |
|------|----------------|-----------|
| C835 | 4822 124 41839 | 10μF/6.3V |
| C836 | 4822 124 41839 | 10μF/6.3V |
| C837 | 5322 122 34098 | 0.01μF |
| C838 | 4822 124 41839 | 10μF/6.3V |
| C839 | 4822 126 10006 | 7PF |
| C840 | 5322 122 34098 | 0.01μF |
| C841 | 4822 122 33514 | 68P |
| C842 | 5322 122 34098 | 0.01μF |
| C843 | 4822 124 22728 | 100μF/16V |
| C844 | 5322 122 34098 | 0.01μF |
| C845 | 5322 122 34098 | 0.01μF |
| C860 | 5322 122 34098 | 0.01 μF |

DIODES

| | | |
|------|----------------|--------|
| D303 | 4822 130 81166 | 1SS184 |
| D304 | 4822 130 81166 | 1SS184 |
| D801 | 4822 130 81166 | 1SS184 |
| D802 | 4822 130 81166 | 1SS184 |

FILTERS

| | | |
|------|----------------|----------------------|
| FL31 | 4822 153 70037 | 3.1MHZ-LPF PAL |
| FL81 | 4822 320 40219 | BR124A53R PAL2H COMB |
| FL82 | 4822 153 70051 | 5.1MHZ-BPF PAL |
| FL83 | 4822 153 70048 | 1.6MHZ-LPF PAL |
| FL84 | 4822 153 70049 | 4.43MHZ-BPF |

IC's

| | | |
|------|----------------|-------------------|
| IC31 | 4822 209 63153 | BA7259AK |
| IC32 | 4822 209 31157 | TL8819 1HCCD PAL |
| IC81 | 4822 209 31156 | LA7332M |
| IC82 | 4822 209 63155 | LA7311 SECAM DET. |

CONNECTORS

| | | |
|------|----------------|-------|
| J301 | 4822 265 41216 | 18PIN |
| J302 | 4822 267 31204 | 2PIN |
| J303 | 4822 265 20361 | 2PIN |
| J304 | 4822 267 50868 | 8PIN |

COILS

| | | |
|------|----------------|--------|
| L301 | 4822 157 62732 | 22 μH |
| L302 | 4822 157 62732 | 22 nH |
| L303 | 4822 157 63879 | 68μH |
| L304 | 4822 157 53873 | 100 μH |
| L305 | 4822 157 53873 | 100 μH |
| L306 | 4822 157 63234 | |
| L307 | 4822 157 62732 | 22 μH |
| L801 | 4822 157 53875 | |
| L802 | 4822 157 62322 | 3.3 μH |
| L803 | 4822 157 60178 | 15 μH |
| L804 | 4822 157 62741 | 220 μH |
| L806 | 4822 157 62743 | 330 μH |
| L808 | 4822 157 62732 | 22 μH |
| L809 | 4822 157 53873 | 100 μH |

TRANSISTORS

| | | |
|------|----------------|----------------------|
| Q302 | 4822 130 43398 | 2SC2712 GR |
| Q303 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q305 | 4822 130 60564 | 2SB956 R |
| Q802 | 4822 130 43398 | 2SC2712 GR |
| Q803 | 4822 130 61424 | 2SC 2714 O |
| Q804 | 4822 130 43398 | 2SC2712 GR |
| Q806 | 4822 130 43398 | 2SC2712 GR |

Timer Tuning

IC's

| | | |
|------|----------------|----------------------|
| IC6K | 4822 209 63157 | TMP47C200AF |
| IC6L | 4822 209 51935 | BR93C46F (EE-PROM IC |
| IC6M | 4822 209 63154 | UPD4990AG |
| IC6N | 4822 209 31158 | TMP47C834F TT-UP FOR |
| IC6P | 4822 209 61645 | M51951AML |
| IC6R | 4822 209 63152 | S8052ALB (SOT-89) |
| IC6S | 4822 209 31154 | AN1555NS |

CONNECTORS

| | | |
|------|----------------|-----------|
| J6K0 | 4822 265 51329 | 26PIN |
| J6K1 | 4822 265 30965 | CONNECTOR |
| J6K2 | 4822 265 30858 | 3PIN |
| J6K3 | 4822 267 31204 | 2PIN |
| J6K5 | 4822 267 31204 | 2PIN |
| J6L2 | 4822 265 20504 | 2PIN |

COILS

| | | |
|------|----------------|-------------|
| L6K0 | 4822 157 62723 | 100 μ H |
|------|----------------|-------------|

TRANSISTORS

| | | |
|------|----------------|----------------------|
| Q6K0 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q6K1 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q6K2 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q6K3 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q6K4 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q6K5 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q6K6 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q6K7 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q6K8 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q6L0 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q6L1 | 4822 130 61884 | RN1404 |
| Q6L2 | 4822 130 43398 | 2SC2712 GR |
| Q6L3 | 4822 130 43398 | 2SC2712 GR |
| Q6L4 | 4822 130 61884 | RN1404 |
| Q6L5 | 4822 130 61884 | RN1404 |
| Q6L6 | 4822 130 61884 | RN1404 |
| Q6L7 | 4822 130 61884 | RN1404 |
| Q6L8 | 4822 130 42733 | 2SA1162(G) FOR MIX A |
| Q6L9 | 4822 130 61426 | 2SK208(Y) |
| Q6M0 | 4822 130 43398 | 2SC2712 GR |
| Q6M1 | 4822 130 61884 | RN1404 |
| Q6M2 | 4822 130 61884 | RN1404 |
| Q6M3 | 4822 130 61884 | RN1404 |
| Q6M4 | 4822 130 61884 | RN1404 |
| Q6M5 | 4822 130 61799 | DTA144TK RIN 47K |
| Q6M6 | 4822 130 61799 | DTA144TK RIN 47K |

RESISTORS

| | | |
|------|----------------|---------------|
| R6K0 | 4822 051 30103 | 10K Ω |
| R6K1 | 4822 051 30103 | 10K Ω |
| R6K4 | 4822 051 30103 | 10K Ω |
| R6K5 | 4822 051 30103 | 10K Ω |
| R6K6 | 4822 051 30103 | 10K Ω |
| R6K7 | 4822 051 30103 | 10K Ω |
| R6K8 | 4822 051 30103 | 10K Ω |
| R6K9 | 4822 051 30103 | 10K Ω |
| R6L0 | 4822 051 30103 | 10K Ω |
| R6L1 | 4822 051 30103 | 10K Ω |
| R6L2 | 4822 051 30105 | 1M Ω |
| R6L3 | 4822 051 30103 | 10K Ω |
| R6L4 | 4822 051 30103 | 10K Ω |
| R6L5 | 4822 051 30222 | 2.2K Ω |
| R6L6 | 4822 051 30103 | 10K Ω |

| | | |
|------|----------------|---------------|
| R6L7 | 4822 051 30103 | 10K Ω |
| R6L8 | 4822 051 30103 | 10K Ω |
| R6L9 | 4822 051 30103 | 10K Ω |
| R6M0 | 4822 051 30103 | 10K Ω |
| R6M1 | 4822 051 30103 | 10K Ω |
| R6M2 | 4822 051 30103 | 10K Ω |
| R6M3 | 4822 051 30103 | 10K Ω |
| R6M4 | 4822 051 30103 | 10K Ω |
| R6M5 | 4822 051 30103 | 10K Ω |
| R6M6 | 4822 051 30103 | 10K Ω |
| R6M9 | 4822 051 30103 | 10K Ω |
| R6N0 | 4822 051 30103 | 10K Ω |
| R6N1 | 4822 051 30473 | 47K Ω |
| R6N2 | 4822 051 30105 | 1M Ω |
| R6N3 | 4822 051 30102 | 1K Ω |
| R6N4 | 4822 051 30103 | 10K Ω |
| R6N5 | 4822 051 30105 | 1M Ω |
| R6N6 | 4822 051 30103 | 10K Ω |
| R6N7 | 4822 051 30103 | 10K Ω |
| R6N8 | 4822 051 30103 | 10K Ω |
| R6N9 | 4822 051 30103 | 10K Ω |
| R6P0 | 4822 051 30332 | 3.3K Ω |
| R6P1 | 4822 051 30332 | 3.3K Ω |
| R6P2 | 4822 051 30332 | 3.3K Ω |
| R6P3 | 4822 051 30472 | 4.7K Ω |
| R6P4 | 4822 051 30472 | 4.7K Ω |
| R6P5 | 4822 051 30472 | 4.7K Ω |
| R6P6 | 4822 051 30223 | 22K Ω |
| R6P7 | 4822 051 30223 | 22K Ω |
| R6P8 | 4822 051 30103 | 10K Ω |
| R6P9 | 4822 051 30103 | 10K Ω |
| R6Q0 | 4822 051 30103 | 10K Ω |
| R6Q1 | 4822 051 30103 | 10K Ω |
| R6Q2 | 4822 051 30473 | 47K Ω |
| R6Q3 | 4822 051 30473 | 47K Ω |
| R6Q4 | 4822 051 30103 | 10K Ω |
| R6Q5 | 4822 051 30222 | 2.2K Ω |
| R6Q6 | 4822 051 30222 | 2.2K Ω |
| R6Q7 | 4822 051 30103 | 10K Ω |
| R6Q9 | 4822 051 30103 | 10K Ω |
| R6R0 | 4822 051 30103 | 10K Ω |
| R6R2 | 4822 051 30103 | 10K Ω |
| R6R3 | 4822 051 30103 | 10K Ω |
| R6R4 | 4822 051 30103 | 10K Ω |
| R6R5 | 4822 051 30103 | 10K Ω |
| R6R6 | 4822 051 30103 | 10K Ω |
| R6R7 | 4822 051 30103 | 10K Ω |
| R6R8 | 4822 051 30683 | 68K Ω |
| R6S0 | 4822 051 30102 | 1K Ω |

CRYSTALS

| | | |
|------|----------------|-----------|
| X6K0 | 4822 242 72223 | |
| X6K1 | 4822 242 72236 | 32.768KHZ |
| X6K2 | 4822 242 72223 | |
| X6K3 | 4822 242 72592 | |

Luminance/ Chrominance

Q807 4822 130 42733 2SA1162(G)FOR MIX AM
Q815 4822 130 43398 2SC2712 GR

RESISTORS

| | | |
|------|----------------|---------------|
| R301 | 4822 051 30223 | 22K Ω |
| R303 | 4822 051 30223 | 22K Ω |
| R309 | 4822 051 30334 | 330K Ω |
| R310 | 4822 100 11608 | 10K Ω |
| R311 | 4822 051 30103 | 10K Ω |
| R312 | 4822 100 11636 | 4.7K Ω |
| R313 | 4822 051 30472 | 4.7K Ω |
| R314 | 4822 051 30103 | 10K Ω |
| R315 | 4822 051 30222 | 2.2K Ω |
| R316 | 4822 051 30102 | 1K Ω |
| R318 | 4822 051 30102 | 1K Ω |
| R319 | 4822 051 30103 | 10K Ω |
| R320 | 4822 051 30224 | 220K Ω |
| R321 | 4822 100 11609 | 47K Ω |
| R322 | 4822 051 30102 | 1K Ω |
| R323 | 4822 051 30221 | 220 Ω |
| R324 | 4822 051 30102 | 1K Ω |
| R325 | 4822 051 30102 | 1K Ω |
| R326 | 4822 051 30682 | 6.8K Ω |
| R327 | 4822 051 30151 | 150 Ω |
| R328 | 4822 051 30684 | 680 Ω |
| R329 | 4822 051 30333 | 33K Ω |
| R330 | 4822 051 30471 | 470 Ω |
| R331 | 4822 051 30152 | 1.5K Ω |
| R337 | 4822 100 11635 | |
| R338 | 4822 051 30222 | 2.2K Ω |
| R339 | 4822 051 30332 | 3.3K Ω |
| R340 | 4822 051 30472 | 4.7K Ω |
| R341 | 4822 051 30472 | 4.7K Ω |
| R342 | 4822 116 82487 | 0 Ω |
| R343 | 4822 051 30222 | 2.2K Ω |
| R352 | 4822 051 30473 | 47K Ω |
| R353 | 4822 050 22205 | 2.2M Ω |
| R802 | 4822 051 30223 | 22K Ω |
| R803 | 4822 051 30152 | 1.5K Ω |
| R805 | 4822 051 30102 | 1K Ω |
| R806 | 4822 051 30102 | 1K Ω |
| R807 | 4822 051 30102 | 1K Ω |
| R808 | 4822 051 30222 | 2.2K Ω |
| R812 | 4822 051 30152 | 1.5K Ω |
| R813 | 4822 051 30479 | 47 Ω |
| R814 | 4822 051 30479 | 47 Ω |
| R815 | 4822 051 30102 | 1K Ω |
| R816 | 4822 051 30221 | 220 Ω |
| R818 | 4822 051 30103 | 10K Ω |
| R820 | 4822 051 30103 | 10K Ω |
| R823 | 4822 051 30152 | 1.5K Ω |
| R824 | 4822 051 30104 | 100K Ω |
| R826 | 4822 051 30102 | 1K Ω |
| R827 | 4822 051 30472 | 4.7K Ω |
| R828 | 4822 051 30102 | 1K Ω |
| R829 | 4822 051 30152 | 1.5K Ω |
| R830 | 4822 051 30331 | 330 Ω |
| R831 | 4822 051 30151 | 150 Ω |
| R832 | 4822 051 30684 | 680 Ω |
| R833 | 4822 051 30331 | 330 Ω |
| R834 | 4822 051 30472 | 4.7K Ω |
| R835 | 4822 051 30472 | 4.7K Ω |
| R838 | 4822 051 30102 | 1K Ω |
| R839 | 4822 051 30102 | 1K Ω |
| R842 | 4822 051 30103 | 10K Ω |
| R844 | 4822 051 30103 | 10K Ω |
| R845 | 4822 051 30102 | 1K Ω |
| R846 | 4822 051 30152 | 1.5K Ω |
| R847 | 4822 051 30102 | 1K Ω |

| | | |
|------|----------------|---------------|
| R848 | 4822 051 30479 | 47 Ω |
| R851 | 4822 116 82487 | 0 Ω |
| R852 | 4822 051 30103 | 10K Ω |
| R854 | 4822 051 30105 | 1M Ω |
| R855 | 4822 051 30105 | 1M Ω |
| R856 | 4822 051 30103 | 10K Ω |
| R857 | 4822 051 30222 | 2.2K Ω |
| R895 | 4822 051 30472 | 4.7K Ω |
| R896 | 4822 051 30472 | 4.7K Ω |

CRYSTAL

X801 4822 242 72951 X'TAL 4.43MHZ FOR LA